



**ATAYAĞ A.Ş.**

# Reliable Chemical Solutions at Global Standards

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Quality, Trust, and Innovation

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# About Us

Ata Yağ Kimya is a well-established industrial company operating with many years of experience in the chemical industry at its modern production facilities located on an 11,000 m<sup>2</sup> area in Hayrabolu, Tekirdağ. Since its establishment, the company has based its production on the principles of quality, continuity, and reliability.

Thanks to its strong R&D infrastructure, technical expertise, and continuously developing production technologies, Ata Yağ Kimya has expanded its product portfolio to include alkyd, acrylic, epoxy, hardener, and polyaspartic systems. All products are developed and manufactured in compliance with international standards.

With a fully automated production infrastructure, all processes are monitored in real time, and quality control practices are meticulously implemented at every stage of production. With its environmentally conscious, sustainable, and people-oriented production approach, Ata Yağ Kimya aims to be a reliable solution partner in both domestic and international markets.

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# Sustainability

As Atayağ Kimya, we believe that producing high-quality products must go hand in hand with the responsibility of leaving a livable world for future generations. Our approach to sustainability is an integral part of all our operations, from production and supply chain management to waste management and energy use.

In our product development processes, we prioritize environmentally friendly raw materials and aim to reduce our carbon footprint while increasing energy and resource efficiency. At the same time, we focus on minimizing our environmental impact by using recyclable packaging and implementing responsible waste management practices.

Together with our employees, business partners, and customers, we are committed to being a company that acts with environmental awareness, adheres to ethical values, and embraces social responsibility.

While building today, we take every step in harmony with nature, guided by the principles of sustainable growth and development.



# R&D Applications

As Atayağ Kimya, we believe that staying competitive and innovative begins with a strong commitment to R&D. Therefore, we continuously increase our R&D investments in order to provide fast and effective solutions tailored to the changing needs of our customers.

Our R&D department focuses on next-generation resin technologies, specialty formulations, and more sustainable and efficient production methods. Thanks to our capability to develop tailor-made products, we deliver solutions that make a difference in the industry.

Guided by scientific thinking, technical expertise, and a continuous improvement mindset, our R&D team aims to achieve the perfect balance between quality, performance, and sustainability.

For us, innovation is not only a goal but also a fundamental part of our corporate culture.

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# Our Products

“As Ata Yağ Kimya, we adopt the principle of delivering quality, ensuring customer satisfaction, and supporting sustainable growth.”



WATER REDUCIBLE RESINS



THERMOPLASTIC ACRYLIC RESIN



THERMOSET ACRYLIC RESINS



POLYASPARTIC RESINS



ALKYD RESINS



EPOXY HARDENERS

# WATER REDUCIBLE RESINS

Water-reducible alkyd resins are produced through fatty acid group reactions carried out in water-soluble, closed polymerization systems. The oil components contained in these resins provide the product with high flexibility and ease of application.



# WATER-REDUCIBLE RESINS

RODUCT	ATAKYG AQ 41BG75
RESIN TYPE	Water Reducible Acrylic Resin
SOLVENT TYPE	Butyl Cellosolve Acetate / Isobutanol
OIL TYPE	Sunflower fatty acid
% OIL CONTENT	41
% SOLID	74 – 76
VISCOSITY (25 °C, BROOKFIELD)	–
VISCOSITY (25 °C, GARDNER HOLT)	Z5 – Z6
ACID (mg KOH/g)	40 – 50
DENSITY (20 °C, g/cm³)	1,00 – 1,04
COLOR (Gardner)	max. 6
pH	8 – 9
STOVING ENAMELS	
INDUSTRIAL PAINTS & VARNISHES	
WOOD COATING	•
ROAD MARKING & FLORING	
CAN & COIL COATINGS	
ARHTECTURAL COATINGS	•
GENERAL PURPOSE	• High gloss and yellowing resistance • Specially designed for use in a wide variety of coatings in which performance similar to solvent based alkyds are desired • Very good hardness • Excellent hydrolytic stability • Good weathering and gloss retention

# THERMOPLASTIC ACRYLIC RESIN

Thermoplastic acrylic resins are materials that do not contain any reactive functional groups and therefore do not chemically react with other substances. They cure through an air-drying mechanism. Due to the typically high content of methyl methacrylate in the main polymer backbone, these resins provide excellent hardness and durability.

Applications:

- Road marking paints
- Metal and galvanized surface coatings
- Decorative coatings
- Spray paints



# THERMOPLASTIC ACRYLIC RESIN

PRODUCT	ATACRYL 24T60	ATACRYL 24X60	ATACRYL 25T60	ATACRYL 28T60 L	PRODUCT	ATACRYL 28X58	ATACRYL 30B55	ATACRYL 30TB65	ATACRYL 30TX55 N
<b>SOLVENT TYPE</b>	Toluene	Xylene	Toluene	Toluene	<b>SOLVENT TYPE</b>	Xylene	Butyl Acetate	Toluen / n-Bütanol	Ksilen / Toluen
<b>MODIFICATION</b>	Specific	Specific	Specific	Specific	<b>MODIFICATION</b>	Specific	Specific	Styrene	Specific
<b>SOLID %</b>	58 – 62	58 – 62	58 – 62	58 – 62	<b>SOLID %</b>	57 – 59	54 – 56	64 – 66	54 – 56
<b>VISCOSITY (cP, 25 °C, BROOKFIELD)</b>	9850 – 14800	3620 – 6340	6340 – 9850	6340 – 9850	<b>VISCOSITY (cP, 25 °C, BROOKFIELD)</b>	14800 – 38300	627 – 1290	6340 – 14800	3620 – 6340
<b>ACID (mg KOH/g)</b>	max. 18	max. 18	max. 16	max. 15	<b>ACID (mg KOH/g)</b>	max. 17	max. 12	max. 45	max. 3
<b>DENSITY (20 °C g/cm³)</b>	0,99 – 1,03	0,99 – 1,03	0,99 – 1,03	1,00 – 1,04	<b>DENSITY (20 °C g/cm³)</b>	0,99 – 1,03	0,96 – 1,00	0,96 – 1,00	0,95 – 0,99
<b>COLOR (Gardner)</b>	max. 2	max. 2	max. 2	max. 2	<b>COLOR (Gardner)</b>	max. 2	max. 2	max. 2	max. 2
<b>STOVING ENAMELS</b>					<b>STOVING ENAMELS</b>				
<b>INDUSTRIAL PAINTS &amp; VARNISHES</b>	•	•	•	•	<b>INDUSTRIAL PAINTS &amp; VARNISHES</b>	•	•	•	•
<b>WOOD COATING</b>					<b>WOOD COATING</b>				
<b>ROAD MARKING &amp; FLORING</b>	•	•	•	•	<b>ROAD MARKING &amp; FLORING</b>	•			
<b>METAL COATING</b>	•	•			<b>METAL COATINGS</b>		•	•	•
<b>GENERAL PURPOSE</b>	• Air dried	• Air dried	• Air dried	• Air dried	<b>GENERAL PURPOSE</b>	• Air dried	• Air dried	• Air dried	• Air dried
	• Partial compatibility with CAB	• Partial compatibility with CAB	• High hardness	• Medium hardness		• Medium hardness	• Medium hardness	• High adhesion	• Medium hardness
	• Flexible	• Flexible	• High heat resistance	• High heat resistance		• High heat resistance	• Good Adhesion	• Flexible	• High adhesion
	• High UV resistance	• High UV resistance	• Very fast drying	• Very fast drying		• Very fast drying			• Compatible with metallic pigments
	• High adhesion	• High adhesion							

# THERMOSET ACRYLIC RESINS

Thanks to their low molecular weight, thermoset acrylic resins are frequently preferred in applications requiring high solid content. The resulting crosslinked structure provides excellent resistance to organic solvents, moisture, and UV radiation.

## Applications:

- Industrial topcoats and varnishes
- Automotive paints and clear coats
- Exterior architectural applications
- Marine coatings



# THERMOSET ACRYLIC RESINS

PRODUCT	ATACRYL 10XB60 1%OH	ATACRYL 18B50 1,8%OH	PRODUCT	ATACRYL 26X60 2,6 %OH	ATACRYL 28XB60 2,8 %OH
<b>SOLVENT TYPE</b>	Xylene / Butyl Acetate	Butyl Acetate	<b>SOLVENT TYPE</b>	Xylene	Xylene / Butyl Acetate
<b>SOLID %</b>	58 – 62	48 – 52	<b>SOLID %</b>	58 - 62	58 - 62
<b>VISCOSITY (cP, 25 °C, BROOKFIELD)</b>	2300 – 3300	3000 – 5000	<b>VISCOSITY (cP, 25 °C, BROOKFIELD)</b>	1760 - 3620	2000 - 3000
<b>ACID (mg KOH/g)</b>	max. 10	max. 6	<b>ACID (mg KOH/g)</b>	max. 3	max. 8
<b>DENSITY (20 °C, g/cm³)</b>	0,99 – 1,03	0,98 – 1,02	<b>DENSITY (20 °C, g/cm³)</b>	0,97 - 1,01	1,00 - 1,03
<b>COLOR (Gardner)</b>	max. 1	max. 1	<b>COLOR (Gardner)</b>	max. 1	max. 1
<b>HYDROXYL (OH) VALUE %</b>	1	18	<b>HYDROXYL (OH) VALUE %</b>	26	28
<b>INDUSTRIAL PAINTS &amp; VARNISHES</b>	•	•	<b>INDUSTRIAL PAINTS &amp; VARNISHES</b>	•	•
<b>WOOD COATINGS</b>	•	•	<b>WOOD COATINGS</b>	•	•
<b>ARHTECTURAL COATINGS</b>	•	•	<b>ARHTECTURAL COATINGS</b>	•	•
<b>AUTO REPAIR</b>	•	•	<b>AUTO REPAIR</b>	•	•
<b>GENERAL PURPOSE</b>	• Fast drying	• Fast drying	<b>GENERAL PURPOSE</b>	• Fast drying	• Fast drying
	• Low isocyanate requirement	• Low isocyanate requirement		• High chemical resistance	• High chemical resistance
		• High UV resistance			
		• CAB compatible			

# POLYASPARTIC RESINS

Polyaspartic resins are coating systems based on aliphatic polyurea technology, distinguished by their very fast curing times and high-performance properties. They offer excellent application flexibility due to their ability to cure even at low temperatures, while also providing high mechanical strength, chemical resistance, and UV stability. Compared to two-component resins such as epoxy and acrylates, polyaspartic resins are more frequently preferred because of their superior adhesion, resistance to chemical solvents, acids and bases, hardness, and overall mechanical performance.

## Applications:

- Swimming pools
- Wind power plants
- Furniture
- Exterior façade coatings
- Roofs and garages
- Aircraft hangars
- Interior and exterior paint coatings
- Flooring in shopping malls, hospitals, and airports



# POLYASPARTIC RESINS

PRODUCT	ATAPPR 1410	ATAPPR 1510	ATAPPR 28510
<b>SOLID %</b>	95 - 100	95 - 100	95 - 100
<b>VISCOSITY (cP, 25 °C, BROOKFIELD)</b>	700 - 1800	700 - 2000	60 - 640
<b>AMINE VALUE (mg KOH/g)</b>	195 - 205	185 - 195	170 - 210
<b>AMINE HYDROGEN EQUIVALENT WEIGHT(AHEW)</b>	aprox. 276 g/mol	aprox. 290 g/mol	aprox. 290 g/mol
<b>DENSITY (20 °C, g/cm³)</b>	1,06 - 1,08	1,05 - 1,07	1,00 - 1,10
<b>COLOR (Gardner)</b>	max 1	max 1	max 1
<b>COLOR (Hazen)</b>	max 250	max 250	max 250
<b>FLASH POINT (°C)</b>	>97	~75	>97
<b>FLOOR COATING</b>	•	•	•
<b>INDUSTRIAL PAINTS &amp; VARNISHES</b>	•	•	•
<b>WOOD COATINGS</b>	•	•	•
<b>ARCHITECTURAL COATINGS</b>	•	•	•
<b>GENERAL PURPOSE</b>	<ul style="list-style-type: none"> <li>• Solvent free resin for two component top coats and solvent-free coating materials</li> </ul>	<ul style="list-style-type: none"> <li>• Solvent free resin for two component top coats and solvent-free coating materials</li> </ul>	<ul style="list-style-type: none"> <li>• Solvent free resin for two component top coats and solvent-free coating materials</li> </ul>
	<ul style="list-style-type: none"> <li>• Excellent UV resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent UV resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent UV resistance</li> </ul>
	<ul style="list-style-type: none"> <li>• Excellent mechanical properties, chemical resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent mechanical properties, chemical resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent mechanical properties, chemical resistance</li> </ul>
	<ul style="list-style-type: none"> <li>• Higher fracture strength than epoxy</li> </ul>	<ul style="list-style-type: none"> <li>• Higher fracture strength than epoxy</li> </ul>	<ul style="list-style-type: none"> <li>• Flexible</li> </ul>
	<ul style="list-style-type: none"> <li>• Low VOC</li> </ul>	<ul style="list-style-type: none"> <li>• Low VOC</li> </ul>	<ul style="list-style-type: none"> <li>• Low VOC</li> </ul>
	<ul style="list-style-type: none"> <li>• Fast drying speed</li> </ul>	<ul style="list-style-type: none"> <li>• Medium drying speed</li> </ul>	

# ALKYD RESINS

Alkyd resin products have a wide range of applications, particularly in decorative uses and the construction sector. They provide high gloss and long-lasting durability on the surfaces to which they are applied.

These resins are widely used in coating production for wood, metal, flooring, and machinery enamels, as well as in air-drying systems such as road marking paints, industrial coatings, and baking varnishes. Owing to their high solid content as synthetic resins, they are commonly used in the production of wood paints, as well as primer, intermediate, and topcoat paints.

Applications:

- Industrial and decorative paints
- Metal protective coatings
- Wood paints, varnishes, and lacquers
- Anticorrosive primer systems
- General-purpose industrial paints
- Maintenance and repair coatings



# ALKYD RESINS

ÜRÜN ADI	ATAKYD LO 62W70	ATAKYD LO N 63X70	ATAKYD LO 63W70
SOLVENT TYPE	White Spirit	Xylene	White Spirit
OIL TYPE	Sunflower fatty acid	Sunflower fatty acid	Soybean oil
% OIL CONTENT	62	63	63
MODIFICATION	Specific	Specific	Specific
SOLID %	69 – 71	69 – 71	69 – 71
VISCOSITY (25°C, GARDNER HOLT)	Z5 – Z6	S – V	Z5 – Z6
VISCOSITY (60% Gardner 25°C)	–	F–H	X–Y
ACID (mg KOH/g)	maks. 11	maks. 11	maks. 11
DENSITY (20°C g/cm³)	0,95 – 0,98	–	0,95 – 0,98
COLOR (Gardner)	maks. 6	maks. 7	maks. 6
STOVING ENAMELS			
INDUSTRIAL PAINTS & VARNISHES			
WOOD COATINGS	•	•	•
ROAD MARKING & FLORING			
CAN & COIL COATINGS			
ARHTECTURAL COATINGS	•	•	•
GENERAL PURPOSES	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> </ul>
	<ul style="list-style-type: none"> <li>• High color durability and gloss retention</li> </ul>	<ul style="list-style-type: none"> <li>• High color durability and gloss retention</li> </ul>	<ul style="list-style-type: none"> <li>• High color durability and gloss retention</li> </ul>
	<ul style="list-style-type: none"> <li>• Very good hardening, very good pre-drying and final drying</li> </ul>	<ul style="list-style-type: none"> <li>• Very good hardening, very good pre-drying and final drying</li> </ul>	<ul style="list-style-type: none"> <li>• Very good hardening, very good pre-drying and final drying</li> </ul>
	<ul style="list-style-type: none"> <li>• High yellowing resistance</li> </ul>		

# LONG OIL ALKYD RESINS

ÜRÜN ADI	ATAKYD LO N 63W70	ATAKYD LO 63W70 LV	ATAKYD LO 72D85
SOLVENT TYPE	White Spirit	White Spirit	D60
OIL TYPE	Sunflower fatty acid	Soybean oil	Sunflower fatty acid
% OIL CONTENT	63	63	72
MODIFICATION	Specific	Specific	Specific
SOLID %	69 - 71 (125 °C, 60 dk.)	69 – 71	84 - 86
VISCOSITY (25°C, GARDNER HOLT)	Z4 – Z6	W – Y	Z2 – Z4
VISCOSITY (60% Gardner 25°C)	-	H-J	E-G
ACID (mg KOH/g)	max. 11	max. 11	max. 11
DENSITY (20°C g/cm³)	0,95 – 0,98	0,94 – 0,98	0,95 – 0,98
COLOR (Gardner)	max. 6	max. 6	max. 6
STOVING ENAMELS			
INDUSTRIAL PAINTS & VARNISHES			
WOOD COATINGS	•	•	•
ROAD MARKING & FLORING			
CAN & COIL COATINGS			
ARHTECTURAL COATINGS	•	•	•
GENERAL PURPOSES	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> <li>• High color durability and gloss retention</li> <li>• Very good hardening, very good pre-drying and final drying</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> <li>• High color durability and gloss retention</li> <li>• Very good hardening, very good pre-drying and final drying</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> <li>• High color durability and gloss retention</li> <li>• Very good hardening, very good pre-drying and final drying</li> <li>• High yellowing resistance</li> <li>• Odorless</li> </ul>

# MEDIUM OIL ALKYD RESINS

PRODUCT	ATAKYD MO 50T60	ATAKYD MO 50X60	ATAKYD MO 50X65	ATAKYD MO 51X70
SOLVENT TYPE	Toluene	Xylene	Xylene	Xylene
OIL TYPE	Soybean oil	Soybean oil	Soybean Oil	Sunflower fatty acid
% OIL CONTENT	50	50	50	51
MODIFICATION	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)	Specific	Specific
SOLID %	59 – 61	59 – 61	64 – 66	69 – 71
VISCOSITY (25°C, GARDNER HOLT)	Z1 – Z2	Z2 – Z3	Z2 – Z3	Z3 – Z5
VISCOSITY (60%, Gardner 25°C)	–	–	–	U – W
ACID (mg KOH/g)	max. 11	max. 11	max. 11	max. 11
DENSITY (20°C g/cm³)	0,98 – 1,00	0,98 – 1,01	1,065 – 1,095	1,065 – 1,095
COLOR (Gardner)	max. 6	max. 6	max. 5	max. 6
STOVING ENAMELS				
INDUSTRIAL PAINTS AND VARNISHES	•	•	•	•
WOOD COATING	•	•	•	•
ROAD MARKING AND FLOORING				
CAN & COIL COATING				
ARHTECTURAL COATINGS	•	•	•	•
GENERAL PURPOSES	• Oxidative drying alkyd resin			
	• High gloss retention	• High gloss retention	• High yellowing resistance, color durability and gloss retention	• High yellowing resistance, color durability and gloss retention
	• High quality road marking	• High quality road marking		
	• Excellent hardness and very good resistance to external factors	• Excellent hardness and very good resistance to external factors		

# MEDIUM OIL ALKYD RESINS

PRODUCT	ATAKYD MO 52W50 HV	ATAKYD MO 52W60	ATAKYD MO 53W55
SOLVENT TYPE	White Spirit	White Spirit	White Spirit
OIL TYPE	Sunflower fatty acid	Soybean oil	Soybean oil
% OIL CONTENT	52	52	53
MODIFICATION	Specific	Specific	Specific
SOLID %	49 – 51	59 – 61	54 – 56
VISCOSTY (25°C, GARDNER HOLT)	Z6 – Z7	Z – Z2	Z2 – Z4
VISCOSITY (60%, Gardner 25°C)	–	–	–
ACID (mg KOH/g)	max. 11	2 – 5	max. 11
DENSITY (20°C, g/cm <sup>3</sup> )	0,92 – 0,96	0,91 – 0,94	–
COLOR (Gardner)	max. 6	max. 6	max. 6
STOVING ENAMELS			
INDUSTRIAL PAINTS AND VARNISHES	•	•	•
WOOD COATING	•	•	•
ROAD MARKING AND FLOORING			
CAN & COIL COATING			
ARHTECTURAL COATINGS	•	•	•
GENERAL PURPOSES	• Oxidative drying alkyd resin	• Oxidative drying alkyd resin	• Oxidative drying alkyd resin
	• High yellowing resistance, color durability and gloss retention	• High yellowing resistance, color durability and gloss retention	• High yellowing resistance, color durability and gloss retention
	• High performance in auto refinish	• High performance in auto refinish	• High performance in auto refinish

# SHORT OIL ALKYD RESINS

PRODUCT	ATAKYD SO L 30X70	ATAKYD SO 35X70	ATAKYD SO 36X55
SOLVENT TYPE	Xylene	Xylene	Xylene
OIL TYPE	Lauric Acid	Coconut oil fatty acid	Vegetable Oil
% OIL CONTENT	30	35	36
MODIFICATION	Specific	Specific	Specific
SOLID %	69 – 71	69 – 71	54 – 56
VISCOSTY (25°C, GARDNER HOLT)	Z4 – Z6	Z4 – Z6	Z2 – Z4
VISCOSITY (60%, Gardner 25°C)	X – Z	X – Z	–
ACID (mg KOH/g)	max. 15	max. 15	max. 11
DENSITY (20°C, g/cm <sup>3</sup> )	–	1,04 – 1,07	0,92 – 0,96
COLOR (Gardner)	max. 2	max. 4	max. 5
HYDROXIL (OH) VALUE % (ON SOLID)	3	385	3
STOVING ENAMELS			
INDUSTRIAL PAINTS AND VARNISHES	•	•	•
WOOD COATING	•	•	•
ROAD MARKING AND FLOORING	•	•	•
CAN & COIL COATING			
ARHTECTURAL COATINGS	•	•	•
GENERAL PURPOSES	<ul style="list-style-type: none"> <li>• Excellent yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• Top coat glossy, non-yellowing paints and varnishes</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• Top coat glossy, non-yellowing paints and varnishes</li> </ul>	<ul style="list-style-type: none"> <li>• Good yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• Top coat glossy, non-yellowing paints and varnishes</li> </ul>

# SHORT OIL ALKYD RESINS

PRODUCT	ATAKYD SO 40T65	ATAKYD SO 40X65	ATAKYD SO 42X60
SOLVENT TYPE	Toluene	Xylene	Xylene
OIL TYPE	Soybean oil	Soybean oil	Castor oil
% OIL CONTENT	40	40	42
MODIFICATION	Specific	Specific	Specific
SOLID %	64 – 66	64 – 66	59 – 61
VISCOSTY (25°C, GARDNER HOLT)	Z1 – Z3	Z3 – Z4	Z2 – Z4
VISCOSITY (60%, Gardner 25°C)	–	–	–
ACID (mg KOH/g)	max. 11	max. 11	max. 15
DENSITY (20°C, g/cm³)	1,02 – 1,05	1,02 – 1,05	1,01 – 1,04
COLOR (Gardner)	max. 6	max. 6	max. 4
HYDROXIL (OH) VALUE % (ON SOLID)	445	445	3
STOVING ENAMELS			
INDUSTRIAL PAINTS AND VARNISHES	•	•	•
WOOD COATING	•	•	•
ROAD MARKING AND FLOORING	•	•	•
CAN & COIL COATING			
ARHTECTURAL COATINGS	•	•	•
GENERAL PURPOSES	<ul style="list-style-type: none"> <li>• Good yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• Top coat primer paints and varnishes</li> </ul>	<ul style="list-style-type: none"> <li>• Good yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• Top coat primer paints and varnishes</li> </ul>	<ul style="list-style-type: none"> <li>• Good yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• Top coat primer paints and varnishes</li> </ul>

# RAPID ALKYD RESINS

PRODUCT	ATAKYD RAP 25TX70	ATAKYD RAP 26T60 LV	ATAKYD RAP 26T70 LV
SOLVENT TYPE	Toluene/Xylene	Toluene	Toluene
OIL TYPE	Soybean oil	Soybean oil	Soybean oil
% OIL CONTENT	25	26	26
MODIFICATION	Specific	Benzoic Acid	Benzoic Acid
SOLID %	69 – 71	59 – 61	69 – 71
VISCOSTY (25°C, GARDNER HOLT)	Z4 – Z5	W – Y	Z3 – Z4
VISCOSITY (60%, Gardner 25°C)	W – Y	–	–
ACID (mg KOH/g)	max. 10	max. 11	max. 11
DENSITY (20°C, g/cm³)	1,04 – 1,08	0,98 – 1,02	0,98 – 1,04
COLOR (Gardner)	max. 6	max. 7	max. 7
STOVING ENAMELS			
INDUSTRIAL PAINTS AND VARNISHES	•	•	•
WOOD COATING			
ROAD MARKING AND FLOORING	•	•	•
CAN & COIL COATING			
ARHTECTURAL COATINGS			
GENERAL PURPOSES	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> </ul>
	<ul style="list-style-type: none"> <li>• High yellowing resistance</li> </ul>	<ul style="list-style-type: none"> <li>• High yellowing resistance</li> </ul>	<ul style="list-style-type: none"> <li>• High yellowing resistance</li> </ul>
	<ul style="list-style-type: none"> <li>• High color durability and gloss retention</li> </ul>	<ul style="list-style-type: none"> <li>• High color durability and gloss retention</li> </ul>	<ul style="list-style-type: none"> <li>• High color durability and gloss retention</li> </ul>
	<ul style="list-style-type: none"> <li>• High wetting properties</li> </ul>	<ul style="list-style-type: none"> <li>• High hardness</li> </ul>	<ul style="list-style-type: none"> <li>• High hardness</li> </ul>

# RAPID ALKYD RESINS

PRODUCT	ATAKYD RAP 27X60	ATAKYD RAP O 27X60	ATAKYD RAP HS 28X61	ATAKYD RAP 30X70
<b>SOLVENT TYPE</b>	Xylene	Xylene	Xylene	Xylene
<b>OIL TYPE</b>	Soybean Oil	Soybean Oil	Sunflower fatty acid	Soybean Oil
<b>% OIL CONTENT</b>	27	27	28	30
<b>MODIFICATION</b>	Benzoic Acid	Benzoic Acid	Styrene	Benzoic Acid
<b>SOLID %</b>	59 – 61	59 – 61	60 – 62	69 – 71
<b>VISCOSTY (25°C, GARDNER HOLT)</b>	Z1 – Z2	Z2 – Z3	X – Z1	Z4 – Z6
<b>VISCOSITY (60%, Gardner 25°C)</b>	–	–	–	U – W
<b>ACID (mg KOH/g)</b>	max. 11	max. 11	max. 7	max. 11
<b>DENSITY (20°C, g/cm³)</b>	1,00 – 1,03	1,00 – 1,03	1,02 – 1,05	0,99 – 1,04
<b>COLOR (Gardner)</b>	max. 6	max. 7	max. 5	max. 6
<b>STOVING ENAMELS</b>				
<b>INDUSTRIAL PAINTS AND VARNISHES</b>	•	•	•	•
<b>WOOD COATING</b>				
<b>ROAD MARKING AND FLOORING</b>	•	•	•	•
<b>CAN &amp; COIL COATING</b>				
<b>ARHTECTURAL COATINGS</b>				
<b>GENERAL PURPOSES</b>	• Oxidative drying alkyd resin			
	• High yellowing resistance			
	• High color durability and gloss retention			
	• High wetting properties		• High hardness and softening resistance	
			• High performance for Hammerton paints	
			• High styrene content	

# RAPID ALKYD RESINS

PRODUCT	ATAKYD RAP 33T65	ATAKYD RAP F 33X60
SOLVENT TYPE	Toluene	Xylene
OIL TYPE	Sunflower fatty acid	Soybean Oil
% OIL CONTENT		33
MODIFICATION	Specific	Phenolic resin
SOLID %	64 – 66	59 – 61
VISCOSTY (25°C, GARDNER HOLT)	Z2 – Z3	Z2 – Z4
VISCOSITY (60%, Gardner 25°C)	–	–
ACID (mg KOH/g)	max. 11	max. 20
DENSITY (20°C, g/cm <sup>3</sup> )	1,05 – 1,09	1,01 – 1,03
COLOR (Gardner)	max. 5	max. 8
STOVING ENAMELS		
INDUSTRIAL PAINTS AND VARNISHES	•	•
WOOD COATING		
ROAD MARKING AND FLOORING	•	•
CAN & COIL COATING		
ARHTECTURAL COATINGS		
GENERAL PURPOSES	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> <li>• High yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• High hardness and softening resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Oxidative drying alkyd resin</li> <li>• High yellowing resistance</li> <li>• High color durability and gloss retention</li> <li>• High hardness and softening resistance</li> </ul>

# RAPID ALKYD RESINS

PRODUCT	ATAKYD RAP 38T60	ATAKYD RAP 38X60	ATAKYD RAP 38X60 HV	ATAKYD RAP S 45X60
<b>SOLVENT TYPE</b>	Toluene	Xylene	Xylene	Xylene
<b>OIL TYPE</b>	Soybean Oil	Sunflower fatty acid	Soybean Oil	Tall Oil Fatty Acid
<b>% OIL CONTENT</b>	38	38	38	45
<b>MODIFICATION</b>	Benzoic Acid	Benzoic Acid	Benzoic Acid	Styrene
<b>SOLID %</b>	59 – 61	59 – 61	59 – 61	59 – 61
<b>VISCOSTY (25°C, GARDNER HOLT)</b>	Z – Z2	Z1 – Z3	Z3 – Z4	W – Y
<b>VISCOSITY (60%, Gardner 25°C)</b>	–	–	–	–
<b>ACID (mg KOH/g)</b>	max. 11	max. 11	max. 11	max. 11
<b>DENSITY (20°C, g/cm³)</b>	1,00 – 1,03	1,00 – 1,03	1,02 – 1,03	1,02 – 1,05
<b>COLOR (Gardner)</b>	max. 6	max. 6	max. 6	max. 5
<b>STOVING ENAMELS</b>				
<b>INDUSTRIAL PAINTS AND VARNISHES</b>	•	•	•	•
<b>WOOD COATING</b>				
<b>ROAD MARKING AND FLOORING</b>	•	•	•	•
<b>CAN &amp; COIL COATING</b>				
<b>ARHTECTURAL COATINGS</b>				
<b>GENERAL PURPOSES</b>	• Oxidative drying alkyd resin			
	• High yellowing resistance			
	• High color durability and gloss retention			
	• High hardness and softening resistance			
				• High performance for Hammerton paints

# URETHANE ALKYD RESINS

PRODUCT	ATAKYD URAL 33SN50	ATAKYD URAL 59D60	ATAKYD URAL 59W60	ATAKYD URAL 63W60
SOLVENT TYPE	Solvent Naptha	D60	White Sprit	White Sprit
OIL TYPE	Sunflower fatty acid	Sunflower fatty acid	Soybean Oil	Soybean Oil
% OIL CONTENT	33	59	59	63
MODIFICATION	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)
SOLID %	49 – 51	59 – 61	59 – 61	59 – 61
VISCOSITY (25°C, GARDNER HOLT)	Y – Z1	Z1 – Z3	Z1 – Z3	Z – Z2
ACID (mg KOH/g)	max. 4	max. 4	max. 4	max. 4
DENSITY (20°C, g/cm³)	–	–	0,91 – 0,94	0,93 – 0,96
COLOR (Gardner)	max. 6	max. 6	max. 6	max. 6
STOVING ENAMELS				
INDUSTRIAL PAINTS AND VARNISHES	•	•	•	•
WOOD COATING	•	•	•	•
ROAD MARKING & FLOORING				
CAN & COIL COATING				
ARHTECTURAL COATINGS				
GENERAL PURPOSES	• TDI modified solvent based oxidative drying alkyd resin	• TDI modified solvent based oxidative drying alkyd resin	• TDI modified solvent based oxidative drying alkyd resin	• TDI modified solvent based oxidative drying alkyd resin
	• Low odor	• Low odor	• High performance in parquet, yatch varnish and glass wax	• High TDI ratio
	• Very fast drying	• Very fast drying		• High performance in parquet, yatch varnish and glass wax
		• High performance in parquet, yatch varnish and glass wax		• High hardness

# URETHANE ALKYD RESINS

PRODUCT	ATAKYD URAL 33SN50	ATAKYD URAL 59D60	ATAKYD URAL 59W60	ATAKYD URAL 63W60
<b>SOLVENT TYPE</b>	Solvent Naptha	D60	White Sprit	White Sprit
<b>OIL TYPE</b>	Sunflower fatty acid	Sunflower fatty acid	Soybean Oil	Soybean Oil
<b>% OIL CONTENT</b>	33	59	59	63
<b>MODIFICATION</b>	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)	TDI (Toluene diisocyanate)
<b>SOLID %</b>	49 – 51	59 – 61	59 – 61	59 – 61
<b>VISCOSITY (25°C, GARDNER HOLT)</b>	Y – Z1	Z1 – Z3	Z1 – Z3	Z – Z2
<b>ACID (mg KOH/g)</b>	max. 4	max. 4	max. 4	max. 4
<b>DENSITY (20°C, g/cm³)</b>	–	–	0,91 – 0,94	0,93 – 0,96
<b>COLOR (Gardner)</b>	max. 6	max. 6	max. 6	max. 6
<b>STOVING ENAMELS</b>				
<b>INDUSTRIAL PAINTS AND VARNISHES</b>	•	•	•	•
<b>WOOD COATING</b>	•	•	•	•
<b>ROAD MARKING &amp; FLOORING</b>				
<b>CAN &amp; COIL COATING</b>				
<b>ARHTECTURAL COATINGS</b>				
<b>GENERAL PURPOSES</b>	• TDI modified solvent based oxidative drying alkyd resin	• TDI modified solvent based oxidative drying alkyd resin	• TDI modified solvent based oxidative drying alkyd resin	• TDI modified solvent based oxidative drying alkyd resin
	• Low odor	• Low odor	• High performance in parquet, yatch varnish and glass wax	• High TDI ratio
	• Very fast drying	• Very fast drying		• High performance in parquet, yatch varnish and glass wax
		• High performance in parquet, yatch varnish and glass wax		• High hardness

# POLYURETHANE ALKYD RESINS

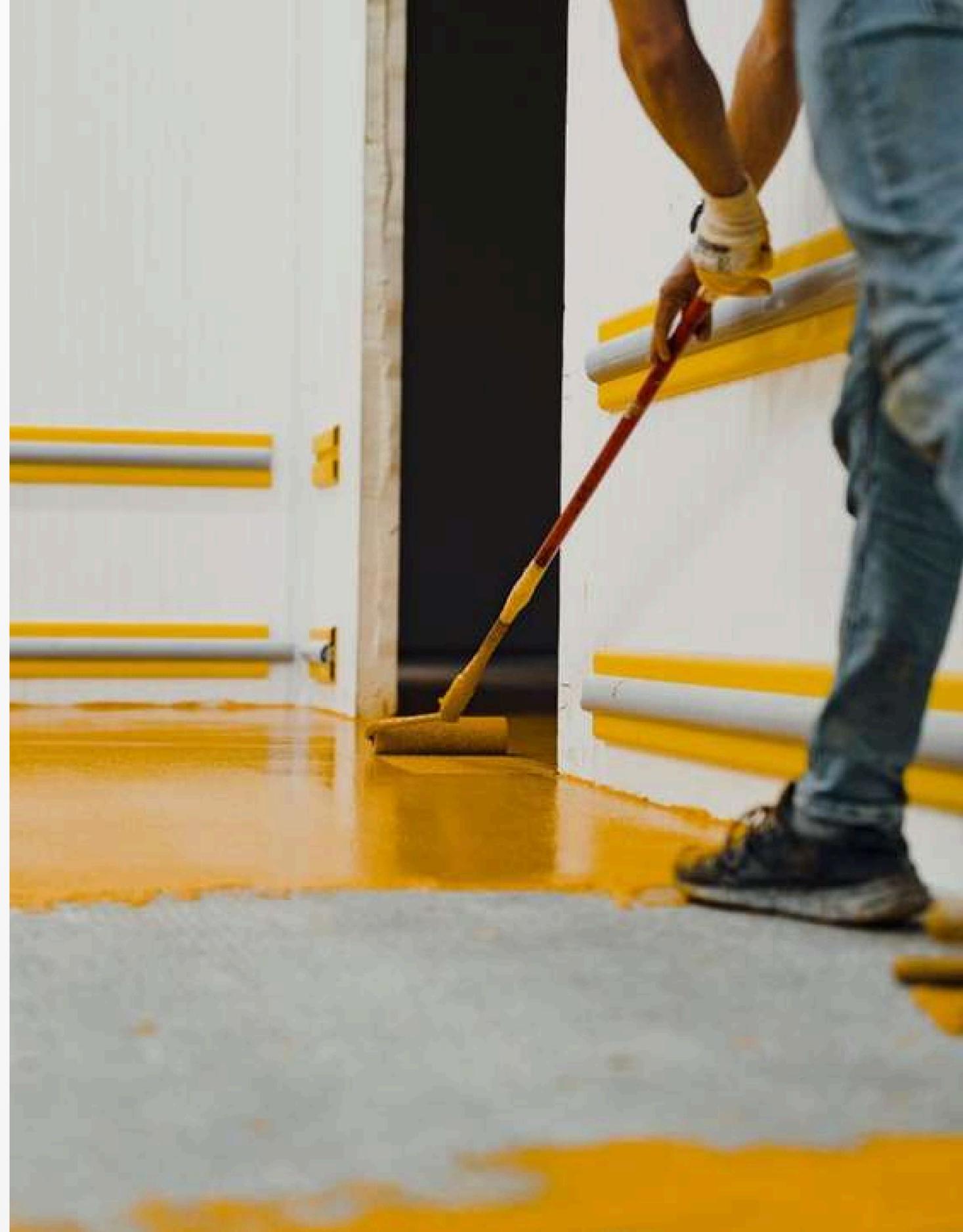
PRODUCT	ATAKYD POL F O 28T60	ATAKYD POL F 33X50
SOLVENT TYPE	Toluene	Ksilen
OIL TYPE	Soybean oil	Tall Oil Fatty Acid
% OIL CONTENT	28	33
MODIFICATION	Spesifik	TDI (Toluene diisocyanate)
SOLID %	59 – 61	49 – 51
VISCOSITY (25°C, GARDNER HOLT)	Z3 – Z5 (%55 kati)	Z2 – Z4
ACID (mg KOH/g)	max. 11	max. 15
DENSITY (20°C, g/cm³)	1,02 - 1,05	1,02 - 1,05
COLOR (Gardner)	max. 7	max. 6
STOVING ENAMELS	•	•
INDUSTRIAL PAINTS & VARNISHES		
WOOD COATING	•	•
ROAD MARKING & FLOORING		
CAN & COIL COATING		
ARHTECTURAL COATINGS		
GENERAL PURPOSES	• Two component short oil alkyd for 2C PU filling varnishes	• Two component short oil alkyd for 2C PU filling varnishes

# EPOXY HARDENERS

Epoxy hardeners are reactive components that enable the curing of epoxy resins, providing high mechanical strength, strong adhesion, and excellent chemical resistance. Their availability in various chemical structures—such as amines, polyamines, polyamides, and cycloaliphatic types—allows the curing speed, working time, and final performance properties to be tailored to specific application requirements. With the correct hardener selection, epoxy systems deliver high surface hardness, low shrinkage, and long service life, offering reliable solutions under demanding industrial conditions.

## Applications:

- Industrial flooring systems
- Metal and concrete surface coatings
- Adhesive and repair systems
- Marine and offshore applications
- Chemical-resistant coatings
- Electrical and electronic insulation applications



# EPOXY HARDENERS

PRODUCT NAME	ATAMID A 15	ATAMID A 15X70 LV	ATAMIN CA 46
<b>TYPE</b>	Polyamide Hardener	Polyamide Hardener	Cycloaliphatic Polyamine Hardener
<b>SOLID %</b>	-	69 - 71	-
<b>VISCOSITY (cP, 25 °C, BROOKFIELD)</b>	3200 - 4000 (75 °C)	400 - 600	200 - 350
<b>AMINE CONTENT (mg KOH/g)</b>	230 - 270	160 - 240	350 - 450
<b>AMINE HYDROGEN EQUIVALENT WEIGHT (AHEW)</b>	approx. 198 g/mol	210 - 230 g/mol	approx. 93 g/mol
<b>DENSITY (20 °C, g/cm³)</b>	0.95 - 0.99	0.94 - 0.98	1.00 - 1.04
<b>COLOUR (Gardner)</b>	max 10	max 12	max 2
<b>FLASH POINT (°C)</b>	>90		27 >100
<b>POT LIFE &amp; TOUCH DRYING (min)</b>	(f5 - 45) & 240	80 - 100	20 - 30
<b>STOVING ENAMELS</b>			•
<b>INDUSTRIAL PAINTS &amp; VARNISHES</b>	•	•	•
<b>WOOD COATINGS</b>	•	•	
<b>ROAD MARKING &amp; FLOORINGS</b>	•	•	•
<b>CAN &amp; COIL COATINGS</b>	•	•	•
<b>ARCHITECTURAL COATINGS</b>	•	•	•
	<ul style="list-style-type: none"> <li>• Provides Fast curing</li> <li>• Excellent water and corrosion resistance</li> <li>• Excellent adhesion</li> </ul>	<ul style="list-style-type: none"> <li>• Provides Fast curing</li> <li>• Excellent water and corrosion resistance</li> <li>• Excellent adhesion</li> </ul>	<ul style="list-style-type: none"> <li>• Provides very Fast curing</li> <li>• Excellent water and corrosion resistance</li> <li>• Excellent adhesion</li> </ul>

# Contact

Would you like to get information about our products, request a price quote, or establish a business partnership?

Contact us today — the Ata Yağ team is always by your side.

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