ATAYAĞ A.Ş.

TECHNICAL DATA SHEET

SYNTHETIC RESINS - PAINT AND VARNISH / Solvent Based | **2 K ACRYLIC RESIN**

ATACRYL 16SN60 1,6 %OH

PRODUCT DESCRIPTION

ATACRYL 16SN60 1,6 %OH is a hydroxyl functional acrylic resin developed for use in two component systems when cured with polyisocyanate.
Characteristics of ATACRYL 16SN60 1,6 %OH based coatings include:
High gloss
Excellent weathering properties
Excellent chemical and application properties

MATERIAL SAFETY

SDS for this product is available on request

STORAGE & SHELF LIFE

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30 ºC Exposure to direct sunlight should be avoided.The shelf life of the resin under the mentioned storage conditions is 1 year.

DELIVERY FORM

IBC - 1000 kg
Barrel - 200 kg
Bulk

APPLICATION

Auto repair
Industrial paints and varnishes
Marine paints and varnishes
Wood
Furniture varnish

CHEMICAL COMPOSITION

The solvents chosen for paints and lacquers based on ATACRYL 16SN60 1,6 %OH should be free of water and should not contain groups that react with isocyanates.

TECHNICAL SPECIFICATIONS

Property	Value		Unit	Test Method
Solvent type	Solvent Naphta	-		-
Solid content	59-61	%		TS EN ISO 3251
Viscosity (Brookfield 23 °C)	2300-3300	cP		TS 6126 EN ISO 2555
Acid value	Max 10	mg KOH/g		TS 2366 EN ISO 2114
Colour	Max 1	Gardner		TS EN ISO 4630
Hydroxyl value (On solid)	approx.1,6	%		Ata yağ ve kimya Methods
Hydroxyl value (Supply form)	1,0±0,2	%		Ata yağ ve kimya Methods
Density (20 °C)	1,01-1,04	gr/cm^3		TS EN ISO 2811-1

The amount of polyisocyanate used to 100 g of acrylic resin (100% solid)

$$= \frac{42 \times 100 \times OH\,\%}{17 \times NCO\,\%} \quad \frac{NCO}{OH} \times$$

General suggestion is NCO/OH ratio should be equal to 1. But;

If the product has to be harder and has more resistance for chemicals;

NCO/OH>1

If the product has to be flexible has good adhesion and weatherability;

NCO/OH<1

ATA YAĞ VE KİMYA SANAYİ TİCARET ANONİM ŞİRKETİ
HAYRABOLUOSB MAH. OCAK SK. NO: 3 HAYRABOLU/ TEKİRDAĞ
www.atayag.com