

ATACRYL 16X60 1,6 %OH

PRODUCT DESCRIPTION

ATACRYL 16X60 1,6 %OH is a hydroxyl functional acrylic resin developed for use in two component systems when cured with polyisocyanate.

Characteristics of ATACRYL 16X60 1,6 %OH based coatings include:
 flexibility
 Long pot life
 Lacquer for wood and metal
 Excellent weathering properties
 Excellent chemical and application properties

STORAGE & SHELF LIFE

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

MATERIAL SAFETY

SDS for this product is available on request

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 16X60 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	Xylene	-	-
Solid content	58-62	%	TS EN ISO 3251
Viscosity (Brookfield 25 °C)	6000-10000	cP	TS 6126 EN ISO 2555
Acid value	Max 11	mg KOH/g	TS 2366 EN ISO 2114
Colour	Max 25	Hazen	TS EN ISO 4630
Hydroxyl value (On solid)	approx.1,6	%	Ata yağ ve kimya Test Methods
Hydroxyl value (Supply form)	1,0±0,2	%	Ata yağ ve kimya Test Methods
Density (20 °C)	0,98-1,03	gr/cm³	TS EN ISO 2811-1

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

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

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

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