

ATACRYL 45XB60 N 4,5 %OH

PRODUCT DESCRIPTION

ATACRYL 45XB60 N 4,5 %OH is a hydroxyl functional acrylic resin developed for use in two component systems when cured with polyisocyanate.

Characteristics of ATACRYL 45XB60 N 4,5 %OH based coatings include:

- High brightness
- Excellent hardness
- Excellent wheathering properties
- Excellent chemical resistance
- Best practice features

MATERIAL SAFETY

SDS for this product is available on request

APPLICATION

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

TECHNICAL SPECIFICATIONS

Property	Value	Unit	Test Method
Solvent type	Xylene / Butyl acetate	-	-
Solid content	58-62	%	TS EN ISO 3251
Viscosity (Brookfield 25 °C)	1760-3620	cP	TS 6126 EN ISO 2555
Acid value	3-8	mg KOH/g	TS 2366 EN ISO 2114
Colour	Max 1	Gardner	TS EN ISO 4630
Hydroxyl value (On Solid)	approx.4,5	%	Ata yağ ve kimya Methods
Hydroxyl value (Supply Form)	2,7±0,2	%	Ata yağ ve kimya Methods
Density (20 °C)	0,99-1,05	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

The information in this data sheet is to the best of our knowledge correct at the date of printing. They merely serve the purpose of informing our customers and do not relieve them from examining themselves the suitability of the described products for the intended purpose. Since conditions of the application are beyond our control, no liability can be accepted on the basis of this data sheet

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.

DELIVERY FORM

- IBC - 1000 kg
- Barrel - 200 kg
- Bulk

CHEMICAL COMPOSITION

The solvents chosen for paints and lacquers based on ATACRYL 45XB60 N 4,5 %OH should be free of water and should not contain groups that react with isocyanates.