

**ATACRYL 10XB60 1 %OH****PRODUCT DESCRIPTION**

ATACRYL 10XB60 1 %OH is a hydroxyl functional acrylic resin developed for two component systems when cured with polyisocyanate.

Characteristics of ATACRYL 10XB60 1 %OH based coatings include:

High gloss  
Excellent weathering properties  
Excellent chemical resistance  
Good application properties

**MATERIAL SAFETY**

SDS for this product is available on request

**STORAGE & SHELF LIFE**

The resin should be stored indoors in original, unopened, use in 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

**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 10XB60 1 %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 / Butyl acetate	-		-
Solid content	58-62	%		TS EN ISO 3251
Viscosity (Brookfield 25 °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	%		Ata yağ ve kimya Methods
Hydroxyl value (Supply form)	0,6±0,2	%		Ata yağ ve kimya Methods
Density (20 °C)	0,99-1,03	gr/cm <sup>3</sup>		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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