



**ATTIKA**  
Resin's expert

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## ATTACRYL A-HF 060

**Manufacturer:** ATTIKA

**Characteristics:** Polyisocyanate curable acrylic resin

**Delivery form:** 60% solution in Shellsol A

**Application:** Combined with aliphatic polyisocyanate for 2-component industrial coatings for hot and cold drying with good mechanical properties, chemical and weather resistance.

<b>Specification:</b>	<u>Hydroxyl number, mgKOH/g</u> (ASTM E1899)	50 – 65
	<u>Hydroxyl group content, %</u> (in relation to MDNV)	about 1,8%
	<u>Conditional viscosity (50% solution in Shellsol A), sec</u> <u>at temperature 20C, 4mm</u> (GOST 8420)	95 – 115
	<u>Gardner color</u> (ASTM D6166)	≤ 2
	<u>Mass fraction of non-volatile substances, %</u> (GOST 31939)	59,0 – 61,0
	<u>Acid number, mg KOH / g.</u> (ASTM D 4662-93)	3,0 – 6,0

### Resin curing

To ensure the reaction of reactive groups (NCO: OH = 1: 1), the following formula is used to calculate the amount of polyisocyanate (based on 100 parts by weight of solid ATTACRYL A-HF 060):

$$\frac{42 \times 100 \times 1,8}{17 \times \text{NCO } \%}$$

42 = molecular weight of NCO groups

17 = molecular weight of hydroxyl groups

1,8 = % hydroxyl content of ATTACRYL A-HF 060 relative to resin solids

**Storage:** Warranty period 12 months. Store in its original packaging in a closed room to exclude direct sunlight..