

ORGACRYL ROH-60 M



Hydroxyl-acrylate copolymer

Supply form:	60% solution in Shellsol A-100/Butyl acetate
Use:	Acrylate copolymer that contains OH groups –4%. It is used for formulating of two-component lacquers and enamels.
Classification:	Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Clear viscous liquid
Colour Hazen: (BNS ISO 2211)	max 45
Non-volatile content, 0,5-0,8g/150°C/1 h: (BNS EN ISO 3251)	60±1%
Viscosity Hoppler at 25°C: (BNS 15654-83)	2200-3000 mPa.s
Acid number of supply form: (BNS EN ISO 3682)	max 6 mgKOH/g,
Hydroxyl number of 100 % resin: (BNS EN ISO 4629)	135±5 mgKOH/g

OTHER INFORMATION

Viscosity Brookfield at 23°C: (ISO 2555)	2500-3500 mPa.s
Density at 20°C: (BNS ISO 2811-1)	1,0 g/cm ³

Flash point, covered pot:
(BNS ISO 2719)

30°C

Solubility:

Shellsol A-100, xylene, butyl acetate

Application:

Orgacryl ROH-60 M dry at room temperature with the addition of isocyanate hardener. The coatings have high gloss, resistance to chemicals and atmospheric impacts.

Polyisocyanate stoichiometry calculation:

$$\text{Polyisocyanate (f.o.d.)} = \frac{42 \times 100 \times \text{OH\% (solid resin)}}{17 \times \text{NCO\% (f.o.d.)}}$$

42= molecular weight of the NCO group

17= molecular weight of the OH group

f.o.d.= form of delivery

Package:

In metal barrels; plastics containers; cisterns from stainless steel

Storage:

Store in tightly closed packages, in sheltered, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C.

Shelf life -12 months from the production date.

Hygiene, safety work and ecology:

Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Orgacryl ROH-60 M. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

Orgachim Resins®

Ruse 7000, 21 Treti mart Blvd., tel.: +359 82 886 340; fax: +359 82 886 340

www.orgachimresins.bg