

## ORGAMID 200 – 80 M



### Polyamide resin

<b>Supply form:</b>	80 % -solution in toluene / propylene-glycol-mono-methyl-ether
<b>Use:</b>	It is used as hardener for epoxy resins and epoxy systems.
<b>Classification:</b>	Complies with requirements of EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (Visually)	Homogenous viscose liquid
<b>Colour:</b> (visually)	Yellow –light brown
<b>Non-volatile content, 120°C/25 min:</b> (BNS EN ISO 3251)	80 ± 1,5 %
<b>Amino number of 100 % of a resin:</b>	200 - 250 mgKOH/g
<b>Acid number of 100 % of a resin :</b> (BNS EN ISO 3682)	max 4 mgKOH/g
<b>Viscosity Hoppler at 25°C of 50% solution in xylene:</b> (BNS EN ISO 12058-1)	80 - 180 mPa.s

### OTHER DETAILS

<b>Density at 20°C:</b> (BNS ISO 2811-1)	0,95 g/cm <sup>3</sup>
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**Flash point, covered pot:**  
(BNS ISO 2719)

25°C

**Viscosity Brookfield, 23°C:**  
(ISO 2555)

8 000 – 12 000 mPa.s

**Solubility:**

Dissolved in toluene, propylene glycol mono-methyl ether, xylene

**Application:**

Orgamid 200-80 M is used as hardener for epoxy resins and epoxy systems. Way of application and mixing ratio with corresponding products is stated by the producers of epoxy coatings.

Calculating the amount of hardener per 100 g resin:

$$\text{Amount of hardener} = \frac{100 * \text{AHEW}}{\text{EEW}}$$

AHEW - Amine Hydrogen Equivalent Weight, g/eq

EEW - Epoxy Equivalent Weight, g/eq

**Packaging :**

In metal barrels; cisterns from stainless steel

Use of other packaging is also acceptable after preliminary agreement with the customer.

**Storage:**

Store in tightly closed, dry and well-ventilated storage areas, protected from direct sunlight, at temperature not higher 25°C.

Shelf life -6 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 Orgamid 200-80 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.

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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.

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**Orgachim Resins®**

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

[www.orgachimresins.bg](http://www.orgachimresins.bg)