

ORGAMID 700 – 100



Polyamide resin

Supply form:	100% resin
Use:	Applied as hardener for epoxy resins and epoxy systems.
Classification:	Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogenous viscose liquid
Colour: (visually)	Yellow – brownish red
Non-volatile content, 80°C/1 h: (BNS EN ISO 3251)	99 ± 1%
Amine number of 100% of a resin: (FM-53)	650 – 750 mgKOH/g
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 3 mgKOH/g
Viscosity Hoppler at 25°C: (BNS EN ISO 12058-1)	2000 – 3000 mPa.s

OTHER DETAILS

Density at 20°C: (BNS ISO 2811-1)	1,05 g/cm ³
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Flash point, closed pot:
(BNS ISO 2719)

206°C

Brookfield viscosity, 23°C:
(ISO 2555)

2500 – 3500 mPa.s

Application:

Orgamid 700-100 is used as hardener for epoxy resins and epoxy systems. The method of application and ratio of mixing of the respective products is indicated by the producers of epoxy products.

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 drums; metal conic tins.

The use of other packaging is also possible after preliminary agreement with the customers.

Storage:

Store in sheltered, dry and well-ventilated storage areas, protected from direct sunlight, at a temperature up to 25°C.

Shelf life – 6 months from date of production.

Hygiene, safety work and ecology:

Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Orgamid 700-100. 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®

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