

MELAMINE RESIN M 514-60 IB



Highly reactive, Melamine-formaldehyde resin

Supply form:	60 % solution in i-Butanol
Use:	For production of lacquers and topcoats for thermo-reactive coatings, drying at an increased temperature and for production of airy drying products.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous clear liquid
Colour Gardner of 50% solution in i-Butanol: (BNS ISO 4630)	max 2
Non-volatile content, 1 g/90°C/1 h: (BNS EN ISO 3251)	60±1,5 %
Conditional viscosity, Ø 4 mm, 20°C: (Test method No 8)	180-230 s
Acid number: (BNS EN ISO 3682)	max 2 mgKOH/g
Free formaldehyde content: (ISO 9020)	max 4 %
Compatibility with linseed oil:	20 : (10÷16) g

OTHER INFORMATION

Viscosity Brookfield at 23°C: (ISO 2555)	600-900 mPa.s
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Density at 20°C: (BNS ISO 2811-1)	1,0 g/cm ³
Flash point, closed cup: (BNS ISO 2719)	27°C
Solubility:	It dissolves in i-Butanol, xylene, linseed oil
Application:	The Melamine resin M 514-60 IB is used in combination with medium and short oil Alkyd, Epoxy, unsaturated polyester resins for production of products for thermo-reactive coatings, drying at an increased temperature and for production of airy drying products. The coatings have high gloss, hardness, adhesion, flexibility and excellent atmospheric resistance, resistance to water and organic solvents.
Package:	In metal barrels; plastics containers; cisterns from stainless steel
Storage:	Store in tightly closed packages, in sheltered, dry and fireproof warehouses, protected from direct sunlight, at a temperature from 5°C to 30°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 Melamine resin M 514-60 IB. 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