

TECHNICAL DESCRIPTION
 JANUARY 2015
 Cancels and replaces all previous editions

ACRYLIC RESIN SBM – 55 M



Thermoplastic Acrylic Resin

Supply form:	55 % solution in xylene/toluene/acetone.
Use:	Applied for the production of paint for horizontal road marking.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Clear viscous liquid
Hazen colour: (BNS ISO 2211)	max 30
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	55±1 %
Hoppler viscosity 25°C: (BNS EN ISO 12058-1)	800-1300 mPa.s
Acid number of 100% resin: (BNS EN ISO 3682)	17-23 mg KOH/g

OTHER INFORMATION

Viscosity Brookfield, 23°C (ISO 2555)	900-1400 mPa.s
Density at 20°C: (BNS ISO 2811-1)	0,96 g/cm ³
Flash point, closed pot: (BNS ISO 2719)	-5°C

Solubility:	Toluene, Acetone, Xylene, Butyl Acetate
Application:	The formulated coatings have a very good drying ability, resistance to atmospheric effects and wear resistance. The resin allows high degree of filling. It has limited compatibility with Alkyd resins. The Acrylic resin SBM-55 M may be combined with other Acrylic resins after preliminary testing.
Package:	In metal barrels; plastic containers; cisterns made of 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 – 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 Acrylic resin SBM – 55 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.

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