

## ACRYLIC RESIN SBMD+ -50 TA



### Thermoplastic Acrylate Resin

<b>Supply form:</b>	50% solution in Toluene and Acetone.
<b>Use:</b>	It is used for production of acrylic paints for horizontal road marking.
<b>Classification:</b>	Meets the requirements of the EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (visually)	Homogeneous, clear liquid
<b>Colour Hazen:</b> (BNS ISO 2211)	max 45
<b>Non-volatile substances content, 125°C/1h:</b> (BNS EN ISO 3251)	50±1%
<b>Viscosity Hoppler at 25°C:</b> (BNS EN ISO 12058-1)	500 - 900 mPa.s
<b>Acid number of 100% of a resin:</b> (BNS EN ISO 3682)	8-14 mgKOH/g
<b>Drying, degree 4, at 23°C:</b>	max 2 h

### OTHER INFORMATION

<b>Viscosity Brookfield at 23°C:</b> (ISO 2555)	500-800 mPa.s
<b>Density at 20°C:</b> (BNS ISO 2811-1)	0,95 g/cm <sup>3</sup>

<b>Flash point, covered pot:</b> (BNS ISO 2719)	-10°C
<b>Solubility:</b>	Toluene, Acetone, Butyl acetate
<b>Application:</b>	The formulated coatings have a very good drying ability, resistance to atmospheric impacts and wear resistance. The resin allows high degree of filling. The Acrylic resin SBMD+-50TA might be combined with other Acrylic resins after a preliminary test.
<b>Package:</b>	In metal barrels; cisterns from stainless steel
<b>Storage:</b>	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.
<b>Hygiene, safety work and ecology:</b>	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Acrylic resin SBMD+-50TA. 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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