

TECHNICAL DESCRIPTION
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Cancels and replaces all previous editions

BALKYD 51 FA-80 T



Medium oil, oxidative drying alkyd resin, modified with distilled fatty acids

Supply form: 80% solution in toluene.

Use: For production of primers, lacquers and topcoats in combination with nitrocellulose, rosin and vinyl products.

Classification: Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous clear liquid
Gardner color: (BNS ISO 4630)	max 6
Non-volatile substances content, 120°C/25 min: (BNS EN ISO 3251)	80±1%
Flowing time, funnel 3mm, 23°C of 50% solution in toluene : (BNS EN ISO 2431)	60-90
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 15 mgKOH/g

OTHER INFORMATION

Oil content: 51 %

Viscosity Brookfield at 23°C:
(ISO 2555) 1500-2500 mPa.s

Density at 20°C: (BNS ISO 2811-1)	0,97 g/cm ³
Flash point, covered pot: (BNS ISO 2719)	11°C
Solubility:	It dissolves in toluene, xylene, butanol
Application:	The coatings, based on Balkyd 51 FA-80 T have excellent plasticity, high gloss, light colours, stability to light. Balkyd 51 FA-80 T is used in combination with nitrocellulose, rosin, vinyl polymers – for production of primers, lacquers and topcoats. The recommended siccation is 0,05-0,07% Co; 0,10-0,30% Ca; 0,15 - 0,30% Zr, regarding 100% of a resin.
Package:	In metal barrels; plastics containers; cisterns from stainless steel
Storage:	Store in tightly closed packages, in sheltered, fireproof, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C. Shelf life -12 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 Balkyd 51 FA – 80 T. 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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