TECHNICAL DESCRIPTION
OCTOBER 2015
Cancels and replaces all previous editions

BALKYD 500 FA – 60 X

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

Supply form: 60% solution in xylene

Use: For production of high-quality oxidative drying topcoats and other special coatings for metal.

Classification: Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogenous clear liquid
Gardner colour of a 50% solution in xylene: (BNS ISO 4630)	max 5
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	60 ± 1 %
Viscosity Brookfield at 23°C: (ISO 2555)	800 - 3500 mPa.s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 12 mgKOH/g

OTHER INFORMATION

Oil content:	50 %
Density at 20°C: (BNS ISO 2811-1)	0,99 g/cm^3

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Flash point, closed cup: (BNS ISO 2719)	min 30°C
Solubility:	It is soluble in xylene and other aromatic hydrocarbons. Partially soluble in aliphatic hydrocarbons.
Application:	The coatings based on Balkyd 500 FA – 60 X have a very good drying ability, weather resistance, elasticity, excellent gloss and high hardness. The resin is suitable for pigmented systems in light shades. The recommended siccativation is: 0,05-0,07% Co; 0,10-0,30% Ca; 0,15-0.30% Zr, in relation to 100% resin. Balkyd 500 FA – 60 X is compatible with other medium-oil and long-oil alkyd resins, based on distilled fatty acids.
Packaging:	In metal barrels; plastic containers; cisterns made of stainless steel.
Storage:	Store in well-closed packages, in sheltered and dry storage premises, protected from direct sunlight at temperatures no higher than 30°C. Storage shelf life – 12 months from production date.
Hygiene and safety work and ecology:	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 500 FA – 60 X. 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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Ruse 7000, 21 Treti mart Blvd., tel.: +359 82 886 340; fax: +359 82 886 340

www.orgachimresins.bg