

BALKYD 610 S – 60 WS



Long oil oxidative drying alkyd resin, modified with vegetable oils

Supply form:	60% solution in white spirit
Use:	For production of decorative air-drying glossy and matt alkyd paints, lacquers and enamels for wood and metal.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogenous transparent liquid
Colour under the Gardner scale of 50% solution in white spirit: (BNS ISO 4630)	max 5
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	60±1 %
Flowing time in funnel 6 mm at 23°C of 50% solution in white spirit : (BNS EN ISO 2431)	30 - 55 s
Acid number of 100% resin: (BNS EN ISO 3682)	max 12 mgKOH/g

OTHER INFORMATION

Oil content:	61 %
Viscosity Brookfield at 23°C: (ISO 2555)	1500-3500 mPa.s

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Conditional viscosity, DIN-4/20°C of a 50% solution in white spirit (DIN 53211-4)	50-80 s
Density at 20°C: (BNS ISO 2811-1)	0,93 g/cm ³
Flash point, closed pot: (BNS ISO 2719)	39°C
Solubility:	Soluble in white spirit (aromatic) and mineral spirit (aliphatics), solvent naphtha, xylene, limited solubility in butanol.
Application:	<p>Balkyd 610 S–60 WS has a good pigmenting wetting. It is applied in the production of decorative air-drying top coatings and lacquers, used for exterior and interior finishing coatings with very good drying ability, light and weather resistance. The resin is suitable for pigmented systems in light shades.</p> <p>Balkyd 610 S–60 WS may be combined with other long-oil air-drying alkyd resins.</p> <p>The recommended siccation is 0,05-0,07% Co; 0,10-0,30% Ca; 0,15 -0,30 % Zr in relation to 100% resin.</p>
Packaging:	In metal barrels; plastic containers; cisterns made of stainless steel.
Storage:	Store in well closed packaging, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures no higher than 30°C. Shelf life – 12 months from date of production.
Hygiene, safety work and ecology:	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 610 S–60 WS. 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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