

TECHNICAL DESCRIPTION
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Cancels and replaces all previous editions

BALKYD 580 S -70 WSX



Medium oil, oxidative drying alkyd resin, modified with vegetable oils

Supply form:	70% solution in white spirit/xylene, 2:1
Use:	For production of air drying paints and lacquers for metal and wood, which have good drying ability and atmospheric resistance, suitable for light paints and topcoats.
Classification:	Meets the requirements of EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous, clear liquid
Colour Gardner of 50% solution in white spirit: (BNS ISO 4630)	max 5
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	70±1%
Flowing time, funnel 6mm, 23°C, from 70% to 60% with mix of white spirit/xylene= 2:1, then from 60% to 50% solution in white spirit: (BNS EN ISO 2431)	30-45 s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 15 mg KOH/g

OTHER INFORMATION

Oil content:	58 %
Viscosity Brookfield at 23°C: (ISO 2555)	27 000-37 000 mPa.s
Density at 20°C: (BNS ISO 2811-1)	0,97 g/cm ³
Flash point, covered pot: (BNS ISO 2719)	36 °C
Solubility:	It dissolves in white spirit, xylene, butanol and other aliphatic and aromatic hydrocarbons
Application:	<p>The coatings based on Balkyd 580 S-70 WSX have good drying ability, atmospheric resistance and stability to aging. It's suitable for light colour paints and topcoats.</p> <p>The recommended siccatives are 0.05-0.07% Co; 0.10-0.30% Ca; 0.15-0.35% Zr in relation to 100% resin.</p> <p>Balkyd 580 S-70 WSX may be mixed with other medium oil and long oil alkyd resins, modified with oils or on the basis of distilled fatty acids. It may be combined with carbamide resin, in approximate proportion of 85:15.</p>
Package:	In metal barrels; plastics containers; cisterns from stainless steel.
Storage:	<p>Store in tightly closed packages, in sheltered, fireproof, dry and well-ventilated warehouses, protected from direct sunlight, at a temperature up to 30°C.</p> <p>Shelf life - 12 months from the production date.</p>
Hygiene, safety work and ecology:	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 580 S – 70 WSX. 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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