

## BALKYD 610 S – 70 WS



**Long oil oxidative drying alkyd resin, modified with vegetable oil – soya or sunflower oil**

<b>Supply form:</b>	70% solution in white spirit
<b>Use:</b>	For the production of oxidative drying alkyd paints, lacquers and topcoats.
<b>Classification:</b>	Meets the requirements of the EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (visually)	Homogeneous clear liquid
<b>Colour Gardner of 50% solution in white spirit:</b> (BNS ISO 4630)	max 5
<b>Non-volatile content, 1g/125°C/1h:</b> (BNS EN ISO 3251)	70±1 %
<b>Flowing time, funnel 6mm/23°C of 50% solution in white spirit:</b> (BNS EN ISO 2431)	30-55 s
<b>Acid number of 100% of a resin:</b> (BNS EN ISO 3682)	max 12 mgKOH/g

### OTHER INFORMATION

<b>Oil content:</b>	61 %
<b>Viscosity Brookfield at 23°C:</b> (ISO 2555)	10 000-15 000 mPa.s

<b>Conditional viscosity, DIN-4/20°C of a 50% solution in white spirit (DIN 53211-4)</b>	50-80 s
<b>Density at 20°C: (BNS ISO 2811-1)</b>	0,97 g/cm <sup>3</sup>
<b>Flash point, covered pot: (BNS ISO 2719)</b>	39°C
<b>Solubility:</b>	It dissolves in white spirit (aromatic and nonaromatic), xylene and it limitedly dissolves in butanol.
<b>Application:</b>	<p>Balkyd 610 S – 70 WS has well pigment wetting, gives to the coatings high atmosphere impact resistance, good adhesion and elasticity. Apply for decorative and surface coatings, lacquers for wood and enamels with general application. The resin is suitable for pigmented systems in light shades. Balkyd 610 S–70 WS may be combined other long oil oxidative drying alkyd resins.</p> <p>The recommended siccation is 0,05 –0,07% Co; 0,1-0,3% Ca; 0,15-0,30% Zr, calculated to 100% resin.</p>
<b>Package:</b>	In metal barrels; plastics containers; cisterns from stainless steel
<b>Storage:</b>	<p>Store in well closed packaging, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures no higher than 30°C.</p> <p><b>Storage shelf life for</b> – 12 months from date of production.</p>
<b>Hygiene, safety work and ecology:</b>	Refer to the Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 610 S – 70 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.

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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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