

BALKYD 37 DCO – 55 M



Short oil Alkyd resin, modified with dehydrated castor oil

Supply form:	55% solution in Xylene / Shellsol A 100 / n-Butanol
Use:	It is used for production of lacquers, topcoats with acid curing, drying at an increased temperature.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous liquid
Colour Gardner of 50% solution in xylene: (BNS ISO 4630)	max 6
Non-volatile substances content, (0,5-0,8g/120°C/25min): (BNS EN ISO 3251)	55±1 %
Flowing time, funnel 6mm, 23°C: (BNS EN ISO 2431)	75 – 100 s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 15 mgKOH/g
Hydroxyl number of 100 % resin: (BNS EN ISO 4629)	110 – 120 mgKOH/g

OTHER INFORMATION

Oil content:	37 %
Viscosity Brookfield at 23°C: (ISO 2555)	500 - 700 mPa.s

Density at 20°C: (BNS ISO 2811-1)	1,00 g/cm ³
Flash point, covered pot: (BNS ISO 2719)	28°C
Solubility:	It dissolves in Xylene, Shellsol A 100, n-Butanol.
Application:	In combination with Carbamide and Melamine-Formaldehyde resins it gives topcoats, which have high hardness, notable gloss, good elasticity and adhesion, resistance to chemicals and stability to strikes. In combination with nitrocellulose lacquers with very good hiding, gloss and resistance to atmospheric impacts result.
Package:	In metal barrels; plastics containers; cisterns from stainless steel
Storage:	Store in tightly closed packages, in sheltered, 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 37 DCO – 55 M. 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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