

BALKYD 660 S – 80 D40



Long oil oxidative drying alkyd resin, modified with vegetable oil, soyabean or sunflower oil

Supply form:	80% solution in white spirit aromatic free D40
Use:	For production of decorative oxidative drying glossy and matt alkyd paints with low content of volatile organic solvent.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogenous viscose liquid
Colour Gardner of 50% solution in white spirit aromatic free D40: (BNS ISO 4630)	max 6
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	80±1 %
Viscosity Brookfield at 23°C, form of delivery: (ISO 2555)	3000-5000 mPa.s
Acid number of 100% resin: (BNS EN ISO 3682)	max 12 mgKOH/g

OTHER INFORMATION

Oil content:	66 %
Density at 20°C: (BNS ISO 2811-1)	0,98 g/cm ³

Flash point, closed pot:
(BNS ISO 2719)

52°C

Solubility:

Soluble in mineral spirit (aliphatics) and white spirit (aromatic), solvent naphtha, xylene, limited solubility in butanol.

Application:

Balkyd 660 S–80 D40 is a low-viscosity resin and is applied in the production of oxidative drying resins, used for exterior and interior finishing coatings with very good drying ability, high hardness, light and weather resistance. Balkyd 660 S–80 D40 may be combined with other long oil oxidative drying alkyd resins.

The recommended siccation is 0,06-0,08% Co; 0,20-0,30% Ca; 0,30 -0,45 % Zr, in relation to 100% resin.

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.

Storage shelf life for – 12 months from date of production.

Hygiene, safety work and ecology:

Refer to the Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 660 S–80 D40. 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.

Orgachim Resins®

Ruse 7000, 21 Treti mart Blvd., tel.: +359 82 886 340; fax: +359 82 886 340

www.orgachimresins.bg