TECHNICAL DESCRIPTION
JUNE 2014
Cancels and replaces all previous editions

BALKYD 720 FA – 83 D40

Long oil oxidative drying alkyd resin, modified with distilled vegetable fatty acids

Supply form: 83% solution in white spirit aromatic free D40

Use: For production of oxidative drying alkyd paints and azure lacquers.

Classification: Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogenous, viscose liquid
Gardner colour of 50% solution in white spirit aromatic free D40: (BNS ISO 4630)	max 6
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	83±1 %
Viscosity Brookfield at 23°C, sp.4/20 rpm: (ISO 2555)	2500-4500 mPa.s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 10 mgKOH/g

ADDITONAL INFORMATION

Oil content :	72 %
Density at 20°C: (BNS ISO 2811-1)	0,98 g/cm^3
Flash point, covered 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 720 FA–83 D40 is low viscosity resin and is applied for production of airy drying lacquers, paints and azure lacquers with general application, possessing very good drying properties and atmospheric resistance. The recommended siccativation is 0,04-0,07% Co; 0,10-0,30% Ca; 0,08-0,15% Zr, regarding 100% of a resin.
Packaging:	In metal barrels; plastic containers; cisterns of 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 720 FA – 83 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.

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