

BALKYD 490 FA-55 X



Medium oil, oxidative drying alkyd resin, modified with distilled fatty acids

Supply form:	55% solution in xylene
Use:	For production of high-quality air-drying enamels and other special coatings for metal.
Classification:	Meets the requirements of the EU legislation.

CHARACTERISTICS

INDEXES	NORM
Appearance: (visually)	Homogeneous clear liquid
Colour Gardner at 50% solution in xylene: (BNS ISO 4630)	max 5
Non-volatile content, 125°C/1h: (BNS EN ISO 3251)	55±1%
Flowing time, funnel 6 mm, 23°C, of 50% solution in xylene: (BNS EN ISO 2431)	35-55 s
Acid number of 100% of a resin: (BNS EN ISO 3682)	max 10 mgKOH/g

OTHER INFORMATION

Oil content:	49 %
Viscosity Brookfield at 23°C: (ISO 2555)	600-1000 mPa.s
Density at 20°C: (BNS ISO 2811-1)	1,0 g/cm ³

Flash point, covered pot:
(BNS ISO 2719)

34°C

Solubility:

It dissolves in xylene, butanol, white spirit, butyl acetate, etc.

Application:

The coatings based on Balkyd 490 FA– 55 X, have very good drying ability, atmospheric resistance, elasticity, excellent gloss and high hardness.

The recommended siccation is: 0,05-0,07% Co; 0,1-0,3% Ca; 0,15-0,3% Zr in relation to 100% resin.

Balkyd 490 FA – 55 X is compatible with other medium oil and long oil alkyd resins.

Package:

In metal barrels; plastics containers; cisterns from stainless steel

Storage:

Store in well-closed packages, in sheltered and dry storage premises, protected from direct sunlight at temperatures no higher than 30°C.

Storage shelf life – 6 months from 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 490 FA – 55 X. 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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