



SYNTHETIC RESINS - PAINT AND VARNISH / Solvent Based

MEDIUM OIL ALKYD RESIN

IZELKYD MO 51DX55

PRODUCT DESCRIPTION

Medium oil and oxidative drying alkyd resin
Good yellowing resistance, colour durability and gloss retention
High quality road marking
Excellent hardness and very good resistance to outside effects

STORAGE & SHELF LIFE

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin under the mentioned storage conditions is 1 year.

COMPATIBILITY

Amino resins Compatible
Cellulose nitrate Compatible

DELIVERY FORM

IBC - 1000 kg
Barrel - 200 kg
Bulk

APPLICATION

Industrial paints and varnishes
Road marking
Synthetic paints and varnishes
Wood
Construction paint

MATERIAL SAFETY

SDS for this product is available on request

TECHNICAL SPECIFICATIONS

Property	Value	Unit	Test Method
Modification	Specific	-	-
Type of oil	Sunflower fatty acid	-	-
Oil percentage	51	%	-
Solvent type	Xylene/D60	-	-
Solid content	54-56	%	TS EN ISO 3251
Viscosity (Gardner 25 °C, %55 Solid)	Z3-Z4 / 67,9-93	Gardner/sec	ASTM D 1545-13
Acid value	Max 12	mg KOH/g	TS 2366 EN ISO 2114
Density (20 °C)	0,92-0,96	gr/cm ³	TS EN ISO 2811-1
Colour (%50 Solid)	Max 6	Gardner	TS EN ISO 4630

SOLUBILITY

Acetone Soluble
White spirit Soluble
Xylene Soluble
Toluene Soluble

RECOMMENDED DRYER RATES

Cobalt 0,04-0,06 %
Zirconium 0,25-0,45 %
Calcium 0,15-0,35 %

Recommended scatter rates over 100% solid alkyd metal percentages.

The information in this data sheet is to the best of our knowledge correct at the date of printing. They merely serve the purpose of informing our customers and do not relieve them from examining themselves the suitability of the described products for the intended purpose. Since conditions of the application are beyond our control, no liability can be accepted on the basis of this data sheet

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