

SYNTHETIC RESINS - PAINT AND VARNISH / Solvent Based

2K SHORT OIL ALKYD RESIN

IZELKYD SO L 30X70

PRODUCT DESCRIPTION

Solvent based, short oil alkyd resin Very good yellowing resistance High colour durability and gloss retention High humidity resistance

COMPATIBILITY

Hydroxyl acrylic resins Incompatible

APPLICATION

Furniture PU Industrial paints and varnishes Stoving enamels Furniture varnish Wood

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.

DELIVERY FORM

IBC - 1000 kg Barrel - 200 kg Bulk

MATERIAL SAFETY

SDS for this product is available on request.

TECHNICAL SPECIFICATIONS

Property	Value	Unit	Test Method
Modification	Specific	-	-
Type of oil	Lauric acid	-	-
Oil percentage	30	%	-
Solvent type	Xylene	-	-
Solid content	69-71	%	TS EN ISO 3251
Viscosity (Gardner 25 °C)	Z5-Z6 / 144,5-217,1	Gardner/sec	ASTM D 1545-13
Viscosity (60%, Gardner 25 °C)	X-Z / 18,9-33,3	Gardner/sec	ASTM D 1545-13
Acid value	Max 15	mg KOH/g	TS 2366 EN ISO 2114
OH value	3	%	AT %100 SOLID (CALCULATED)
Colour (%50 Solid)	Max 2	Gardner	TS EN ISO 4630

SOLUBILITY

Acetone Soluble White spirit Insoluble The amount of polyisocyanate used to 100 g of alkyd resin (100% solid)

$$= \frac{42 \times 100 \times OH \%}{17 \times NCO \%} \times \frac{NCO}{OH}$$

General suggestion is NCO/OH ratio should be equal to 1. But; If the product has to be harder and has more resistance for chemicals; NCO/OH>1

If the product has to be flexible has good adhesion and weatherability; NCO/OH<1

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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