

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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