ATAYAĞ A.Ş.

TECHNICAL DATA SHEET

SYNTHETIC RESINS - PAINT AND VARNISH / Solvent Based | **2K SHORT OIL ALKYD RESIN**

ATAKYD 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

STORAGE & SHELF LIFE

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30 ºC 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.

APPLICATION

Industrial paints and varnishes

Stoving enamels

Furniture varnish

Wood , Furniture PU

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

ATA YAĞ VE KİMYA SANAYİ TİCARET ANONİM ŞİRKETİ
HAYRABOLUOSB MAH. OCAK SK. NO: 3 HAYRABOLU/ TEKİRDAĞ
www.atayag.com