

SYNTHETIC RESINS – PAINT & VARNISH / Solvent-Based**RAPID ALKYD RESINS****ATAKYD S45X60****PRODUCT DESCRIPTION**

Air-drying alkyd resin
High yellowing resistance
High color durability and gloss retention
High hardness and softening resistance
High performance for Hammertone paints

COMPATIBILITY

Long oil alkyd resin	Incompatible
Amino resins	Compatible
Short oil alkyd resin	Compatible
Cellulose nitrate	Compatible
Aromatic polyisocyanate	Compatible

APPLICATIONS

Industrial paints and varnishes
Road marking paints

PACKING

IBC-1000 KG
DRUM-200 KG
Bulk

TECHNICAL SPECIFICATIONS

Specifications	Value	Unit	Test Method
Modification	Styrene	-	-
Oil type	TOFA	-	-
Oil ratio	45	%	-
Solvent type	Xylene	-	-
Solid content	59-61 (125°C, 60dk)	%	TS EN ISO 3251
Viscosity (Gardner 25 °C)	W-Y / 15,7-26,8	Gardner/sn	ASTM D 1545-13
Acid value	Max 11	mg KOH/g	TS 2366 EN ISO 2114
Density (20 °C)	1,02-1,05	g/cm ³	TS EN ISO 2811-1
Color (%50 Solid)	Max 5	Gardner	TS EN ISO 4630

SOLUBILITY

Aceton -Soluble
Toluene -Soluble
Xylene -Soluble
White Sprit -Insoluble
Terebentine -Insoluble

SUGGESTED DRYER RATIOS

Cobalt- 0,03-0,06%
Zirkonyum- 0,15-0,30%
Calsiyum- 0,10-0,20%
Recommended scatter rates of metal flakes for
100% solid alkyd

STORAGE CONDITIONS AND SHELF LIFE

The resin should be stored in its original, unopened, and undamaged packaging, in a dry environment at temperatures between 5-30 °C. Exposure to direct sunlight should be avoided. Under the specified storage conditions, the shelf life of the resin is 1 year.