

AZALCHID U 62 – 60 D40

TYPE

Urethane modified air-drying alkyd resin, based on vegetable oils.

Oil content: approx: 62% (as triglycerides)

DELIVERY FORM

60% solution in D40

FEATURES

Fast drying.
Enhanced yellowing resistance
Good gloss and color retention
Wood finishes for outdoor applications

SPECIFICATION

Technical characteristics

Property	Unit	Value	Method
Appearance	-	Clear viscous liquid	visual
Solid content	%	59 - 61	SR EN ISO 3251
Acid Value	mg KOH/g solid resin unit	Max. 3	SR EN ISO 2114
Gardner color, 50% in D40	-	Max. 6	SE EN ISO 4630
Flow time Φ 4mm DIN cup(20 \pm 0.5°C, 50% in D40)	seconds	40 - 70	SR EN ISO 2431 PSL-001
Brookfield viscosity, 23°C	mPa * sec	2000 - 3500	SR EN ISO 2555

Informații adiționale

Density at 20°C	g/cm ³	0.91 - 0.93	SR EN ISO 2811-1
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Applications

Azalchid U 62 is recommended for coatings for wood finishes and furniture with outdoor applications. The films have improved yellowing and moisture resistance. Azalchid U62 can be used to obtain yacht varnishes offering increased protection against UV radiation and humidity. It can be used in the formulation of primers and aluminum pigmented paints for metal coatings.

Solubility

It is soluble in aliphatic and aromatic hydrocarbons esters and ketones. Limited soluble in glycol esters and higher alcohols.

Compatibility

It can be combined with other medium or long oil alkyd resins to improve drying speed and yellowing resistance of decorative coatings.

Driers

The recommended ratio of driers as metals (calculated to 100% resin):

0.10-0.2% Co

0.5-0.7% Zr

0.20-0.30% Ca.

Storage

Store in well-sealed packaging, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures up to 30°C. Storage shelf life – 12 months from manufacture date

Safety and ecology

Flammable product. Please refer to safety data sheet (SDS) and consult all information for handling labeling, transport, storage, disposal or ecology procedures.

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