

AZALCHID V35 - 60D30

TYPE

Soybean oil vinyltoluene modified alkyd resin
Oil content: approx. 35% (as triglycerides)

DELIVERY FORM

60% in aliphatic hydrocarbon in D30

FEATURES

Very fast drying
Good hardness and gloss
Excellent surface wetting and water resistance

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	Max. 10	SR EN ISO 2114
Gardner color, delivery form	-	Max. 5	SE EN ISO 4630
Brookfield viscosity (23°C, delivery form)	mPa.s	1800 - 3000	SR EN ISO 2555
Brookfield viscosity (23°C, reduced to 40% solids)	mPa.s	100 - 140	SR EN ISO 2555

Additional Information

Density at 20°C	g/cm ³	0.92 ± 0.05	SR EN ISO 2811-1
Flash point (closed cup)	°C	29	SR EN ISO 3679

APPLICATIONS

AZALCHID V35 - 60D30 is a soybean oil vinyltoluene modified alkyd recommended for fast drying primers and enamels. Applied coatings show a fast initial and through drying combined with very good resistance to water and chemicals. Due to excellent surface wetting and adhesion, it can be used on metal and flat-board surfaces in air-dry or forced drying systems. Typical applications include aerosol enamels and primers, sanding sealers, hammer-tone finishes and drum enamels.

SOLUBILITY

AZALCHID V35 - 60D30 has an extended solubility in solvents based on dearomatized hydrocarbon fluids, esters or ketones.

This information is provided in good faith in order to obtain the best results with AZALCHID, the registered trademark of AZUR S.A. We advise you to verify in advance the information provided in writing or verbally on the technical data sheets or the safety data sheets. The products, processing, or developed applications are your responsibility and we recommend to test our products in advance, or ask for the support of our technicians. Our products are manufactured in accordance with the Integrated Quality Management System ISO 9001: 2015, ISO 14001:2015 și ISO 45001:2018.

COMPATIBILITY

AZALCHID V35 - 60D30 can be used as sole binder or in combination with vinyl and acryl-modified alkyd resins, short oil alkyds and melamine resins. Testing of compatibility in advance is recommended.

For air-drying systems, recommended ratio of drying agents used as metals to 100% resin: 0.05-0.06% Co and 0.5-0.6% Zr.

STORAGE

At temperature below 25 °C the product is stable at least 6 months without modification of viscosity or film properties.

SAFETY AND ECOLOGY

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

No. 471 / Ed. 1, Rev. 0



AZUR SA

1-3 Constructorilor Street;
300571, Timisoara

www.azur.ro

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

This information is provided in good faith in order to obtain the best results with AZALCHID, the registered trademark of AZUR S.A. We advise you to verify in advance the information provided in writing or verbally on the technical data sheets or the safety data sheets. The products, processing, or developed applications are your responsibility and we recommend to test our products in advance, or ask for the support of our technicians. Our products are manufactured in accordance with the Integrated Quality Management System ISO 9001: 2015, ISO 14001:2015 și ISO 45001:2018.