

# AZALCHID V37 - 60X

## TYPE

Short oil air drying styrene-modified alkyd resin  
Oil content: approx. 37% (as triglycerides)

## DELIVERY FORM

60% in xylene

## FEATURES

Very fast drying  
High hardness and very good gloss  
Good adhesion 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<br>solid resin unit | Max. 10              | SR EN ISO 2114            |
| Gardner color, 50% in xylene                    | -                            | Max. 6               | SE EN ISO 4630            |
| Brookfield viscosity (23°C)                     | mPas                         | 600 - 1200           | SR EN ISO 2555            |
| Flow time Φ4mm DIN cup(20±0.5°C, 50% in xylene) | seconds                      | 35 - 55              | SR EN ISO 2431<br>PSL-001 |

## Additional Information

|                          |                   |       |                  |
|--------------------------|-------------------|-------|------------------|
| Density at 20°C          | g/cm <sup>3</sup> | n. d. | SR EN ISO 2811-1 |
| Flash point (closed cup) | °C                | 28    | SR EN ISO 3679   |

## APPLICATIONS

AZALCHID V 37 - 60X is recommended for anticorrosive primers, industrial paints and hammer finishes. Primers formulated with this binder have very fast drying development and excellent anticorrosion properties. AZALCHID V 37 - 60X has very good wetting properties for pigments used in industrial paints with high gloss and good overcoatability. Excellent resistance to alkali and water is obtained in coatings and hammer finishes.

## SOLUBILITY

AZALCHID V 37 - 60X has an extended solubility in solvents based on aromatic hydrocarbons, esters or ketones.

Xylene: complete  
Toluene: complete  
n-Butyl acetate: complete  
Methyl isobutyl ketone: complete  
Methoxy propyl acetate: complete  
Solvesso 100: limited  
Aliphatic alcohols: limited

## COMPATIBILITY

AZALCHID V 37 - 60X can be used in combination with vinyl and acryl-modified alkyd resins or short oil air drying alkyds. Testing of compatibility in advance is recommended.

For air-drying systems, drying agents can be used in the ratio as metals to 100% resin: 0.05-0.06% Co, 0.15-0.30% Zr and 0.10-0.15% Ca.

## 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.

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