

SYNOLAC[®] T36X70

SHORT OIL ALKYD

ARKEMA COATING RESINS

Product
Application details SYNOLAC[®] T36X70 is short oil, semi-drying alkyd resin intended for use in acid curing systems. Used with proper amino resins, the system will provide good cold-check, chemical and wet heat resistance.

Performance
Benefits

- Good hardness
- Good drying and sanding properties
- Good cold check resistant
- Wet heat resistant

Polymer
Type

- Solventborne Alkyd

Sales
Specifications

Solid Content % (ISO 3251)	69 - 71
Viscosity at 25°C, Gardner Holdt	Z7 - Z8
Colour, Gardner scale (ASTM D1544)	5 max
Acid value, mg KOH/g (ISO 2114)	13 - 18

Other
Characteristics¹

Volatile	Xylene
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06
Type of fatty acid	Tall Oil Fatty Acid
Fatty Acid content, %	36
OH Value, % approx.	2.88
OH equivalent weight, approx.	590

Note: Acid value and/or Hydroxyl value quoted relative to solid resin

¹ The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

RECOMMENDATIONS FOR USE

SYNOLAC[®] T36X70 is recommended for use in furniture wood coatings based on acid curing and 2-pack polyurethane systems. Due to its fast curing and easy sanding, It is particularly suited for sanding sealers. It can also be used for stoving enamel when formulated together with amino resins.

Formulation **Guidelines**

SOLUBILITY

Aromatic hydrocarbon	Complete
Ester	Complete
Ketone	Complete
Glycol Ether	Complete
Alcohol	Partial
Aliphatic Hydrocarbon	Partial

COMPATIBILITY

Urea Resins	Very Good
Isocyanate Resins	Very Good
Short Oil Alkyd	Good
Melamine Resins	Good
NC/CAB	Good
Polyester Resins	Fair
Acrylic Resins	Fair
Epoxy Resins	Fair

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® T36X70 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 12 months.

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