

SYNOLAC[®] O7X

Saturated (Oil Free) Polyester

ARKEMA COATING RESINS

Product
Application details SYNOLAC[®] O7X is branched polyester for use in combination with amino resins. SYNOLAC[®] O7X has good exterior durability, mechanical properties, gloss and gloss retention. The inter-coat adhesion is very good and SYNOLAC[®] O7X shows little yellowing when over-baked.

- Performance Benefits**
- Good exterior durability
 - Good mechanical Properties
 - Good gloss
 - Good gloss retention

- Polymer Type**
- Solventborne Polyester

Sales Specifications	Solid Content at 125°C, % (ISO 3251)	70 - 72
	Viscosity at 25°C, Gardner Holdt	Z2 – Z3Z4
	Colour, Gardner scale (ASTM D1544)	1 max
	Acid value, mg KOH/g (ISO 2114)	4-12

Other Characteristics¹	Volatile	Xylene
	Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06
	OH Value, mg KOH/g	50
	Hydroxyl Context, %	1.51

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[®] O7X is recommended for use in primer/topcoat for domestic appliances, heating panels, refrigerators and electrical fittings.

SYNOLAC[®] O7X will react with most melamine formaldehyde resins at ratio of between 70:30 and 85:15 (polyester: amino)

Formulation Guidelines	<u>SOLUBILITY</u>	
	Ester	Complete
	Ketone	Complete
	Glycol Ether	Complete
	Aromatic hydrocarbon	Partial
	Alcohol	Partial
Aliphatic Hydrocarbon	Not Soluble	

COMPATIBILITY

Isocyanate Resins	Very Good
Melamine Resins	Very Good
Phenolic Resin	Good
Polyester Resins	Good
Epoxy Resins	Good
Urea Resins	Fair
Acrylic Resins	Fair

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® O7X 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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See SDS for Health & Safety Considerations.

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For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.

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