

SYNOLAC® 7035 S 55

INDUSTRIAL WOOD

ARKEMA COATING RESINS

Product Application details

SYNOLAC® 7035 S 55 is a high molecular weight short oil alkyd resin.
SYNOLAC® 7035 S 55 is suitable for 2 pack polyurethane wood sealers providing fast drying, good sanding and excellent filling power.

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	53 - 57
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 6.6s-1) (ISO 3219)	6300 - 19000
Colour, Gardner scale (ISO 4630)	6 max
Acid value, mg KOH/g (ISO 2114)	22 max

Other Characteristics¹

Volatile	Xylene / MEK (85:15)
Flash point, °C (ISO 3679)	14
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.01
Type of fatty acid	Vegetable fatty acids
Fatty Acid content, %	31
Hydroxyl Content, %	5.6

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

Formulation Guidelines

RECOMMENDATIONS FOR USE

SYNOLAC® 7035 S 55 has high reactivity with polyisocyanates, giving fast hardness development and good chemical resistance at 55-60% crosslinking level.

SOLUBILITY

SYNOLAC® 7035 S 55 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOLAC® 7035 S 55 is compatible with many other short oil alkyds, phthalic plasticizers, urea and melamine resins and polyisocyanates, maleic resins and nitrocellulose.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNOLAC® 7035 S 55 should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 30°C. Exposure to direct sunlight should be avoided.

In the above mentioned storage conditions the shelf life of the resin will be 6 months from the shipping date

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