

SYNAQUA® 5120 BG 72

GENERAL INDUSTRY

ARKEMA COATING RESINS

Product

SYNAQUA® 5120 BG 72 is an alcali-soluble short oil alkyd resin based on drying vegetables fatty acids, specially suited to combine with HMMM resins.

Application details

SYNAQUA® 5120 BG 72 is a resin recommended in combination with water reducible amino resins for the formulation of industrial primers and enamels for stoving systems.

Polymer Type

- Solventborne Alkyd

Sales Specifications

Solid Content at 125°C, % (ISO 3251)	71 - 74
Viscosity at 25°C, mPa.s (Brookfield SC4-25/13R, 6.6s-1) (ISO 3219)	7000 -10000
Colour, Gardner scale (ISO 4630)	7 max
Acid value, mg KOH/g (ISO 2114)	40 - 50

Other Characteristics¹

Volatile	Butyl glycol
Flash point, °C (ISO 3679)	60
Density / Specific Gravity at 25°C, g/ml (ISO 2811)	1.06
Type of fatty acid	Drying vegetables fatty acids
Fatty Acid content, %	34

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

COMPATIBILITY

SYNAQUA® 5120 BG 72 is compatible with water reducible amino resins.

Product Safety

Please refer to the corresponding Safety Data Sheet.

Storage & Handling

SYNAQUA® 5120 BG 72 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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See SDS for Health & Safety Considerations.

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