

TECHNICAL DATA SHEET

SYNOCRYL® 7616 S 50

Thermoplastic acrylic

PRODUCT APPLICATION DETAILS

SYNOCRYL® 7616 S 50 is a thermoplastic acrylic resin with an excellent adhesion over many different metallic substrates like steel, galvanised steel, brass, aluminium...
SYNOCRYL® 7616 S 50 is recommended for primers and monolayer paints with good adhesion over "light metals" and galvanised steel exhibiting good outdoor resistance.
It is also suitable for maintenance paints with good adhesion over many differing metallic substrates and plastics.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (125°C)	48 - 52 %	ISO 3251
Viscosity (Brookfield SC4-25/13R, 16.8 s-1) (25°C)	750 - 1300 mPa.s	ISO 3219
Acid value	17 max mg KOH/g	ISO 2114

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Clarity	Slight haze permitted	-
Solvent	Xylene / MAK	-
Flash point	22 °C	ISO 3679
Density	0.97 g/ml	ISO 2811

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

MARKETS & APPLICATIONS

Coatings & Inks

- Industrial Coating
 - General Industry
 - Packaging Coating Metal (Can And Others)
 - Protective And Marine Coating

SYNOCRYL® 7616 S 50

FORMULATION GUIDELINES

SOLUBILITY

SYNOCRYL 7616 S 50 is completely soluble in aromatic hydrocarbons, ketones, esters and glycol ethers and has a limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

SYNOCRYL 7616 S 50 is compatible with other thermoplastic resins, vinylic and chlorinated rubber.

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOCRYL® 7616 S 50 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 from the shipping date.

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Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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