

COATING RESINS

TECHNICAL DATA

SYNOCRYL 873S

SALES SPECIFICATION

Non-volatile content, % @ 150°C	43-47
Viscosity in CPS at 25°C	1000-2000
Colour, Gardner scale (ISO 4630)	≤ 1
Acid value, mg KOH/g (ISO 3682)	≤10

OTHER PROPERTIES

Volatile	Xylene / C-9 (1:2)
Non-volatile content, % @ 150°C	45
Flash point, °C (ISO 3679)	27
Density at 20°C (ISO 2811)	0.99

PRODUCT INFORMATION:

SYNOCRYL 873S is a Thermoplastic Acrylic copolymer possessing the excellent colour and gloss retention and good adhesion to the wood, metal, plastic and fabrics are the properties of this class resin.

SYNOCRYL 873S Characteristics of SYNOCRYL 873S based coatings include:

- Excellent Gloss and colour retention.
- Excellent soap and detergent resistance.
- Excellent adhesion on bare metal.
- Good compatibility with broad range of resins and plasticisers.

and ketones. The resin has limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY: SYNOCRYL873S is compatible with the broad range of resins , vinyl resins , chlorinated rubber and acrylated alkyds.

SYNOCRYL873S should only be used in applications consistent with the above recommendations. Proposals to use the resin in other ways should be discussed with Cray Valley before any action is taken.

RECOMMENDATIONS FOR USE:

Water white films are deposited from the resin, clear and pigmented films possess fast air dry times and are resistant to soaps and detergents. The films are also resistant to degradation when exposed to heat or ageing.

The versatility of SYNOCRYL 873S enables it to be used in a variety of finishes, either as the sole vehicle in clear or pigmented coatings for metal, wood, plastic and fabrics or as a modifying resin to improve the drying time, durability and resistance properties of other coating systems.

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SOLUBILITY: SYNOCRYL 873S is supplied in Xylene / C-9 (1:2 ratio) ; which is soluble in all aromatic hydrocarbons , esters