HELIOS RESINS | ATCOAT.

Product code: 419963

DOMACRYL 941
Methacrylate Resin

Specification:

Property	Range	Method / According to standard
Viscosity, 23 ºC	140 - 160 mPa·s	MH1007 / ISO 3219
Colour	max. 1 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Appearance	Opaque liquid
Refractive index	1.44

Remarks:

- » Low viscosity, fast curing methacrylate resin, used for permanent cold spray plastic road markings.
- » Markings based on Domacryl 941 are permanently elastic, weather resistant and resistant to abrasion, road salts and fuels.
- » Domacryl 941 contains paraffin which tends to float when stored for a long period of time at lower temperatures. Therefore, the binder must be homogenized before use by stirring.
- » Domacryl 941 is amine pre-activated.

Applications:

- » Binder for cold spray plastic road markings, hardened with dibenzoyl peroxide.
- » Used in spray application (drop-on-procedure) with reactive glass beads, in the 100:2 systems with special spray machines with liquid hardener, or 1:1 system with Domacryl 943 which is not pre-accelerated.
- » Recommended layer thickness is 0.4 - 0.8 mm.
- » Recommended application temperature is between 5 and 40 °C.
- » Domacryl 941 has a mild odour.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 25 °C, for up to 6 months. Exposure to direct sunlight should be avoided.