Product code: 402627

DOMACRYL 5220 45 BAc/X

Hydroxy Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	44 - 46%	MH1155 / ISO 3251
Acid value on solid resin	6 - 12 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	30 - 40 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 ºC	2000 - 6000 mPa·s	MH1007 / ISO 3219

Typical properties:

Property	Value
Solvent ratio	Butyl acetate / Xylene = 3 / 1
Appearance	opaque, yellowish
Density	1 kg/L
Flash point	24 °C
Hydroxyl content on solid	1%
Water content	max. 0.1 wt.%

Solubility:

Soluble in xylene, toluene, ethyl acetate, n-butyl acetate, methoxy propyl acetate, methyl isobutyl ketone, methyl isobutyl ketone, aromatic solvents.

Applications:

- Designed to provide very good adhesion on plastic substrates (PP, PE, PVC).
- Highly reactive hydroxy acrylic resin intended for crosslinking with isocyanate resins with a fast build-up of hardness.
- Good balance between hardness and flexibility.
- Used for car-refinish and industrial metal two-pack polyurethane primers.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 12 months. Exposure to direct sunlight should be avoided.