

Product code: 401811

DOMACRYL 5652 55 BAc

Epoxy-functional Acrylic Resin

Specification:

Property	Range	Method / According to standard
Non-volatile matter	54 - 56%	MH1155 / ISO 3251
Acid value on solid resin	max. 5 mg KOH/g	MH1051 / ISO 2114
Hydroxyl value on solid resin	200 - 220 mg KOH/g	MH1052 / ISO 4629
Viscosity, 23 °C	2500 - 4500 mPa·s	MH1007 / ISO 3219
Colour	max. 50 APHA	MH1125 / ISO 6271

Typical properties:

Property	Value
Density	1 kg/L
Flash point	24 °C
Epoxy equivalent weight	675 g/mol
Epoxy content on solid resin	0.0027 mol/g
Hydroxyl content on solid	1.9%
Water content	max. 0.1 wt.%

Remarks:

Domacryl 5652 55 Bac is dual functional resin.

Applications:

- » Domacryl 5652 55 BAc is used for 2-component coatings for metal and wood.
- » Epoxy functionality enables crosslinking with aliphatic or cycloaliphatic amines and amides.
- » Hydroxyl functionality enables crosslinking with poly-isocyanate hardeners.

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.

Note: The information contained herein is provided in good faith and is to the best of our knowledge accurate, but we assume no liability for its accuracy or completeness. Therefore, the buyer is advised to determine the suitability of this product for the intended use. We retain the right to make any changes according to technological progress or further developments. For safety information please refer to the current Material Safety Data Sheet.

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