

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.

Disclaimer

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at www.helios.si. Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.

TECHNICAL DATASHEET

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Page: 1/1