

Product code: 402602

DOMEMUL AA 9678

Self-crosslinking APEO-free Acrylic Emulsion
with OH-functionality



Specification:

Property	Range	Method / According to standard
Non-volatile matter	40 - 42%	MH1155 / ISO 3251
Viscosity, 23 °C	20 - 500 mPa·s	MH1007 / ISO 3219
pH	7 - 8	MH1040 / ISO 976

Typical properties:

Property	Value
Solvent	Water
Appearance	Milky white
Density	1.0 kg/L
MFFT	50 °C
Hydroxyl content on solid	1.8%
Biocide content	3.5 ppm MIT; 11 ppm CIT; 110 ppm Bronopol
Bio-based content on solid	10%

Remarks:

The bio-based content is 10% of the dry matter by the Carbon-14 method.

Compatibility:

Compatible with similar acrylic dispersions and polyurethane dispersions.

Applications:

- » Designed for industrial waterborne wood coatings for interior.
- » 1K and 2K wood varnishes.
- » Specially recommended for furniture and joinery non-yellowing enamels with good water, chemical and blocking resistance.
- » Suitable for high gloss and matte formulations.
- » To lower MFFT use of a coalescent (butyl glycol, dipropylene glycol methyl ether and/or Texanol) is advised.
- » Starting formulations available on demand.

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 35 °C, for up to 6 months. Protect from freezing and avoid exposure to direct sunlight.

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.

Edition: January 2024

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