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 ºC	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 resin contains 10% bio-based content derived from renewable, plant-based feedstocks.

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.

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.

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Issue Date: October 2026