

Product code: 402639

DOMOPUR 0411 35 Wa

Solvent-free Polyurethane Dispersion

Specification:

Property	Range	Method / According to standard
Non-volatile matter	34 - 36%	MH1155 / ISO 3251
Viscosity, 23 °C	20 - 300 mPa.s	MH1007 / ISO 3219
pH	7 - 9	MH1040 / ISO 976

Typical properties:

Property	Value
Mean particle size	max. 100 nm
Appearance	Milky white
Neutralisation agent	1.3% Diisopropylethylamine, as salt

Solubility:

The product is soluble in water.

Applications:

- » Domopur 0411 35 Wa is an aqueous polyurethane dispersion of an aliphatic polycarbonate-polyurethane without organic solvents and free isocyanate groups.
- » It is designed for the coating of plastics substrates. In addition, the use in the formulation of PVC floor coatings, the binder exhibits a high-grade property profile on a variety of substrates. Filler and topcoat applications (one and two-component) are also plausible. Other possibilities are wood and furniture applications.
- » Domopur 0411 35 Wa yields coatings with good levelling, chemical and water stabilities. They are also characterized by a tough but flexible property profile. Very good combinations are possible with polyester, polyurethane and acrylic dispersions. These must be checked on a case-by-case basis. Combinations with waterborne UV system are also possible.

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.

TECHNICAL DATASHEET

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