Product code: 481187

DOMACRYL 0724 45 Wa/PnB/SA

Secondary Acrylic Dispersion

Specification:

Property	Range	Method / According to standard
Non-volatile matter	44 - 46%	MH1155 / ISO 3251
Acid value on solid resin	24 - 30 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 ºC	200 - 2000 mPa·s	MH1007 / ISO 3219
pH	7 - 8	MH1040 / ISO 976

Typical properties:

Property	Value
Cosolvent	4% PnB and 4% SA
Appearance	Bluish milky white
Density	1.1 kg/L
Hydroxyl content on solid	4.1%
Bio-based content on solid	14%

Remarks:

The resin contains 14% bio-based content derived from renewable, plant-based feedstocks.

Solubility:

- Soluble in aromatic hydrocarbons, glycol ethers, ketones and higher alcohols.
- Limited solubility in aliphatic hydrocarbons.

Applications:

- Domacryl 0724 45 Wa/PnB/SA is intended to be used as polyol component in 2K PUR aqueous clear and top coats for wood, plastic and metal surfaces.
- Excellent applicability, resistance and appearance are achieved in combination with water-emulsifiable polyisocyanates, for example hydrophilically modified HDI-based polyisocyanates (Bayhydur XP 2487/1).
- For proper emulsification and film formation a colsovent such as MPA or Proglyde DMM must be used in formulation. Starting coating formulation available upon request.

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 12 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.