

Laromer[®] UA 9073

Product description High viscose, aromatic urethane acrylate free of diluents for radiation curable formulations.

Key benefits

- Highly elastic
- Abrasion resistant (falling sand)
- Good adhesion

Chemical nature Aromatic urethane acrylate, free of diluents

Properties

Physical form Clear, high-viscous liquid

Technical data	Viscosity, dynamic	DIN EN 12092 (60 °C, 100 1/s)	2.0 - 15.0 Pa.s
(not supply specification)	Iodine colour value	DIN EN 1557	≤ 3
	Density		1.10 g/cm ³

Application

Solubility, compatibility

To reduce viscosity Laromer® UA 9073 can be diluted with all organic solvents common in the coatings industry with the exception of aliphatic hydrocarbons.

Furthermore Laromer® UA 9073 is compatible with acrylic and methacrylic monomers (e.g. hexanediol diacrylate, tripropylenglycol diacrylate, hydroxyethyl methacrylate, hydroxypropyl methacrylate, ...) serving as reactive thinners or other types of UV-resins like polyether-, polyester-, epoxy- or urethane acrylates.

Fields of application

Laromer® UA 9073 is an aromatic urethane acrylate, free of diluents. Due to its rather high viscosity it needs to be applied at increased temperature or in combination with lower viscous resins or monomers.

Its mechanical performance, with focus on high elasticity, delivers good abrasion resistance according to the falling sand test method and flexible films of the cured coatings. One typical field of application therefore is the flooring industry (e.g. cork and other flexible substrates). Due to the low shrinkage it shows good adhesion on different substrates like plastic and wood.

Storage

According to our experience, the product can be stored for 12 months from the date of delivery if kept in tightly sealed containers and protected from light and heat at temperatures below 30 °C.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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