

Laromer[®] UA 9181

Key benefits

- Good adhesion on PE and PET
- Good delamination from chromated structure surfaces
- Good toughness

Chemical nature

Aromatic urethane acrylate, diluted in DPGDA (40%)

Properties

Physical form

Clear, medium-viscous liquid

Technical data

(not supply specification)

Viscosity at 23 °C	DIN 53019 (23 °C)	1.0 - 2.5 Pa.s
Iodine colour value		≤ 3
Density	ISO 2811-3 (20 °C)	1.10 g/cm ³

Application

Solubility, compatibility

To reduce viscosity Laromer[®] UA 9181 can be diluted with all organic solvents common in the coatings industry with the exception of aliphatic hydrocarbons.

Furthermore Laromer[®] UA 9181 is compatible with acrylic and methacrylic monomers (e.g. hexanediol diacrylate, dipropylenglycol 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 9181 was especially developed for the formulation of structure coatings applied on paper or film. Due to the excellent adhesion on paper and film and the good delamination from chromated surfaces at the same time, Laromer[®] UA 9181 can be used in the production of structure foils.

Its mechanical performance, with focus on high toughness ensures good processability during the production of a structure foil and good durability during usage in coating- or press- processes.

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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