

Laromer® PE 8800

General	Laromer® PE 8800 is a liquid polyester-modified acrylic resin for the recipe of energy curable coatings for wood, wood products, and paper applications.
Key features & benefits	<div>excellent hardness</div> <div>highly resistant to chemical</div> <div>monomer free</div>
Chemical nature	polyester acrylate

Properties

Appearance	low-medium viscous liquid	
Typical characteristics <i>(should not be interpreted as specifications)</i>	viscosity at 23°C	4.0~8.0 Pa·s
	acid value	≤ 5 mg KOH/g solids
	iodine color number	≤ 10

Application

Laromer® PE 8800 has a balanced property profile so that it can be used as a sole binder or in combination with other unsaturated acrylic resins for the formulation of EB or UV curable coatings for wood, wood products, and paper applications. Because of its hardness and resistance to chemicals, Laromer® PE 8800 is particularly suitable for wood and wood products.

Laromer® PE 8800 is recommended for applications such as:
interior/exterior general industrial metal coating applications,
interior/exterior plastic components coating applications, interior/exterior wood coatings for floor, furniture, or millwork applications

A suitable photoinitiator must be used to photocure Laromer® PE 8800. The photoinitiator types include, for example, α -hydroxy ketone, benzophenone, acyl phosphine oxide, and blends thereof, for typical coating applications. The amount of photoinitiator varies between 2%~5% based on Laromer® PE 8800 as delivered. Acyl phosphine oxide types (MAPO, MAPO-Liquid and BAPO) of photoinitiators are recommended for film thicknesses of 50 g/cm² to ensure through curing.

Storage

Product ought to be kept within sealed unopened containers. Containers should be stored below 35 °C and away from sunlight.

For further detailed application information please contact our Technical Support Department.

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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