

Printing & Packaging Industrial Coatings

Technical Data Sheet

Laromer® PE 9105



Product Description	<i>Laromer PE 9105 is a multifunctional polyester acrylate oligomer for the formulation of energy curable inks and coatings for paper and board, plastic films and metal applications.</i>
Chemical Composition	<i>Tetrafunctional polyester acrylate</i>
Key Features & Benefits	<ul style="list-style-type: none">- low viscosity- excellent film forming properties- sprayable binder resin- good adhesion on plastics and other materials

Properties

Typical Properties	Appearance	clear, low viscous liquid
	Viscosity at 23°C	~ 400 cps
	APHA color number	~ 150
	Functionality (theoretical)	4.0

These typical values should not be interpreted as specifications.

Applications

Laromer® PE 9105 is a low molecular weight, multifunctional polyester acrylate oligomer that forms tough, flexible films on a wide variety of substrates from paper and board over plastic films to metals. Because of its low viscosity corresponding formulations with Laromer® PE 9105 can be applied either by conventional roller coating techniques or by spray coating. Laromer® PE 9105 is a fast curing general purpose oligomer featuring low shrinkage that results in high flexibility and good adhesion on many different substrates.

Safety

General	The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.
Safety Data Sheet	All safety information is provided in the Safety Data Sheet for Laromer® PE 9105.

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