

TECHNICAL DATA SHEET

SYNOLAC® 9777 PMA 85 (Formerly CHEMPOL® 211-3776)

Oil free polyester

PRODUCT APPLICATION DETAILS

SYNOLAC® 9777 PMA 85 is a high-performance thermosetting polyester resin designed for durable and flexible coatings. With a nonvolatile content of 85% by weight, it provides long-lasting performance and superior resistance to chipping and marring. This resin is formulated to be HAPs-free, making it an environmentally responsible choice for sustainable coating solutions. Its excellent adhesion to a wide range of substrates ensures versatility across multiple applications.

Manufactured in North America to stringent quality standards, SYNOLAC® 9777 PMA 85 enables the development of coatings with a balanced combination of hardness and flexibility. Compatible with various curing technologies, it supports the creation of protective finishes that deliver durability, environmental compliance, and optimized mechanical properties for demanding industrial applications.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content	84%	
Viscosity	Z4-Z6Gardner Holdt	
Reduced viscosity(70% in PM Acetate)	T-V	
Color(max)	3Gardner	
Acid value(max on solids)	10mg KOH/g	

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Solvent	PM Acetate	
Density	9.3lbs/gal	
Hydroxyl content	5.3%	
Hydroxyl number(on solids)	175	

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS

Coatings & Inks

- Industrial Coating

PERFORMANCE BENEFITS

- Good Hardness
- Good Adhesion
- Good Color Retention
- Recommended for Metal Office Furniture or Appliance Coatings
- General Purpose Industrial Coatings

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PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 9777 PMA 85 - Packaged products should be stored in a dry indoor location. The material should be stored in the original, unopened and undamaged container at storage temperatures not exceeding 85° F (30° C). Exposure to direct sunlight should be avoided. For assistance with the best practices for bulk shipment storage and handling contact Arkema.

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