

TECHNICAL DATA SHEET

REAFREE® 4781

Powder Resins / Saturated Carboxylated Polyester / TGIC

PRODUCT APPLICATION DETAILS

Saturated carboxylated polyester for combination with Triglycidylisocyanurate type hardener. Suitable for the formulations of standard durability thermosetting powder coatings. TMA free type.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Acid value	33-38 mg KOH/g	ASTM D-1639
Color (50%)	2 max Gardner	ASTM D-1544
Viscosity (Cone and plate - 165°C)	20-35 Pa.s	DIN 53229

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Appearance	Pale granules	
Glass transition temperature (Tg)	approx. 68 °C	DSC

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

CURING CONDITIONS

15 minutes at 180°C (object temperature)

MARKET & APPLICATIONS

Coatings & Inks

- Industrial Coating
 - General Industry
 - Metal Exterior - Powder

PERFORMANCE BENEFITS

- Excellent flow
- High gloss
- Good mechanical properties
- Excellent outdoor durability

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PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

DELIVERY FORM

Granules. White opaque polyethylene bags of 25 Kg. One Ton pallet shrink – wrapped.

STORAGE AND HANDLING

The resin in its original unopened bags is stable for more than three years, stored in a dry place at temperature below 30°C. Avoid direct sunlight.

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