

## 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 CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Appearance	Pale granules	
Glass transition temperature (T <sub>g</sub> )	approx. 68 °C	DSC

<sup>1</sup>The 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

#### 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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