

## TECHNICAL DATA SHEET

# REAFREE® 5700

Powder Resins / Saturated Carboxylated Polyester / TGIC and  $\beta$ -Hydroxyalkylamide



Superdurable

### PRODUCT APPLICATION DETAILS

Saturated carboxylated polyester for combination with Triglycidylisocyanurate or  $\beta$ -Hydroxyalkylamide type hardeners. Suitable for the formulation of outdoor SUPERDURABLE and protective thermosetting powders for electrostatic application. TMA free type.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Acid value	32-38 mg KOH/g	ASTM D-1639
Color (50%)	2 max	ASTM D-1544
Viscosity (Cone and plate - 165°C)	9-20 Pa.s	DIN 53229

### OTHER CHARACTERISTICS<sup>1</sup>

	CHARACTERISTICS	METHODS
Appearance		
Glass transition temperature (T <sub>g</sub> )	approx. 61 °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

TGIC: 93/7 10 min at 200°C  
(HAA 95/5: 20 min at 160°C)

### MARKET

#### Coatings & Inks

- Industrial Coating
  - Ace
  - General Industry
  - Metal Exterior - Powder

### PERFORMANCE BENEFITS

- Outstanding flow
- High gloss
- Excellent outdoor durability
- Excellent salt spray resistance
- Superdurable finishes

# REAFREE® 5700

## 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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