

## TECHNICAL DATA SHEET

# REAFREE® C4705-10

Powder Resins / Saturated Carboxylated Polyester / CATALYST Additive



Low / Ultra Low Temperature Cure

### PRODUCT APPLICATION DETAILS

Masterbatch at 10% of a special catalyst in a Carboxylated polyester. Recommended to accelerate curing of Hybrid, PT-910 (Huntsman) and TGIC polyester powder coatings.

### SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Acid value	30-40 mg KOH/g	ASTM D-1639
Viscosity (Cone and plate - 165°C)	10-30 Pa.s	DIN 53229
Color (50%)	2 max Gardner	ASTM D-1544

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

	CHARACTERISTICS	METHODS
Appearance	Opaque pale granules	
Glass transition temperature (Tg)	approx 66 °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

### MARKET

#### Coatings & Inks

- Industrial Coating
  - General Industry
  - Metal Exterior - Powder
  - Metal Interior - Powder
  - Wood Furniture
  - Powder Coating - Others
  - Rigid Packaging Metal (Can & Others)

# REAFREE® C4705-10

## FORMULATION GUIDELINES

For Hybrid, TGIC or PT-910<sup>(1)</sup> systems.  
Quantities depend on the system and the reactivity desired.  
It is necessary to take into account the quantity of carboxylated polyester of the additive to adjust the stochiometry of the formulation.

STARTING FORMULATION	
PAINT	Dosage (over carboxylated polyester) REAFREE® C4705-10
Polyester/Epoxy (hybrid)	3-12%
Polyester/TGIC	0,5-1,5%
Polyester/PT-910 <sup>(1)</sup>	2-10%

<sup>(1)</sup> Huntsman

## 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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