

REAFREE® C4705-10

POWDER COATINGS / ADDITIVES

TECHNICAL DATA SHEET

Product Application details

Masterbatch of a catalyst in a carboxylated saturated polyester.
TMA free type

Applications

Additive recommended for accelerate the curing of Hybrid, PT-910 (Huntsman) and TGIC polyester powder coatings.
It contains 10% of active material.
It is suitable for the formulation of indoor or outdoor durable and protective thermosetting powder coatings.
Allows easy handling and improved dispersion of the additive in the formulation.

Polymer Type

- Saturated Carboxylated Polyester Resin

Sales Specifications

Colour (50%), (ASTM D-1544)	2 max
Acid value, mg KOH/g (ASTM D-1639)	30 - 40
Viscosity 165°C, Pa.s (ICI – DIN 53229)	10 - 30

Other Characteristics¹

Appearance	Opaque Pale Granules
Glass Transition T, °C (DSC - Tg)	approx 66

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

For Hybrid, TGIC or PT-910⁽¹⁾ 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 stoichiometry of the formulation.

Recommended uses and dosage

PAINT	Dosage (over carboxylated polyester) REAFREE C4705-10
Polyester / Epoxy (hybrid)	3 – 12 %
Polyester / TGIC	0.5 – 1.5 %
Polyester / PT-910 ⁽¹⁾	2 – 10 %

⁽¹⁾ 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 & 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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