

## General Description

CRYLCOAT® E 04484 is a superdurable resin designed for curing with TGIC in the ratio of 93/7. Coatings based on this system exhibit excellent outdoor durability, gloss and improved corrosion resistance.

## Saturated Superdurable Polyester Resin

Preliminary Technical Data Sheet

## Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	Approx. 5700
Color, b-value	Max. 10
Acid value (mg KOH/g)	Approx. 32

## Other Properties

	Typical value
Glass transition (°C)	Approx. 65

## Starting Formulation

Component	Weight (%)
CRYLCOAT® E 04484	63.8
Araldite® PT 810	4.8
MODAFLOW® Powder 6000	1.0
Titanium dioxide	30.0
Benzoin	0.4

## Extrusion & Application Conditions

Extrusion	
Extruder	Twin screw
Speed	250 rpm
Torque	Approx. 32 %
Temperature	80 to 100 °C
Application	
Application	60 micrometer film on 0.8 mm steel
Spray Gun	Output voltage: 60 kV
Curing	10 min @ 200 °C metal temperature

## Shelf Life

Under normal storage conditions ( $\leq 30^{\circ}\text{C}$ ), the shelf life of the resin will be 24 months from date of manufacturing. For product older than 24 months, it is recommended to check the acid value and the viscosity every year.

## Safety & Environmental Protection

For more information, please refer to the Material Safety Data Sheet.

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