

## General Description

CRYLCOAT® 4627-2 is a superdurable carboxyl functional polyester resin for use with Primid® XL-552 in a ratio of 95/5. Coatings based on CRYLCOAT® 4627-2 exhibit excellent outdoor resistance combined with improved corrosion resistance.

(Formerly CRYLCOAT E 04527)

Preliminary Technical Data Sheet

## Saturated Superdurable Polyester Resin

### Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	Approx. 1500
Color, b-value	Max. 15
Acid value (mg KOH/g)	Approx. 33

### Other Properties

	Typical value
Glass transition (°C)	Approx. 58

### Starting Formulation

Component	Weight (%)
CRYLCOAT® 4627-2	65.2
Primid® XL 552	3.4
Titanium dioxide	30
MODAFLOW® Powder 6000	1.0
Benzoin	0.4

### Extrusion & Application Conditions

Extrusion	
Extruder	Twin screw
Speed	250 rpm
Torque	70 to 80 %
Temperature	90 to 105 °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 (≤30°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.

February 2021 – Supersedes previous versions