

## General Description

CRYLCOAT® 4648-0 is a reactive tribo applicable carboxyl functional superdurable polyester resin for use with Primid® XL 552 in a 94/6 ratio. Coatings based on CRYLCOAT® 4648-0 exhibit outstanding outdoor resistance, good flow, good overbake and gas oven resistance.

## Saturated Superdurable Polyester Resin

### Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 175 °C, mPa.s	6000 - 9000
Color, b-value	Max. 15
Acid value (mg KOH/g)	36-40

### Other Properties

	Typical value
Glass transition (°C)	Approx. 52

### Starting Formulation

Component	Weight (%)
CRYLCOAT® 4648-0	74.4
Primid® XL 552	4.7
MODAFLOW® Powder 6000	1.0
Benzoin	0.3
RAL 8014 pigment	19.6

### Extrusion & Application Conditions

Extrusion	
Extruder	Twin screw
Speed	200 rpm
Torque	75 ± 5 %
Temperature	90 to 105 °C
Application	
Application	60 micrometer film on chromate Al panel
Spray Gun	Output voltage: 60 kV
Curing	15 min @ 160° C metal temperature

### Shelf Life

Under normal storage conditions (≤25°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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