

### General Description

CRYLCOAT® 2578-0 is a highly reactive carboxyl functional polyester resin for use with Araldite® PT 910 and PT 912 in a 92/8 ratio. Formulations containing CRYLCOAT® 2578-0 exhibit good outdoor resistance, good storage stability and a compromise of reactivity and flow.

### Saturated Polyester Resin

### Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	7000-11000
Color, b-value	Max. 10
Acid value (mg KOH/g)	28-38

### Other Properties

	Typical value
Glass transition (°C)	Approx. 71

### Starting Formulation

Component	Weight (%)
CRYLCOAT® 2578-0	56.6
Araldite® PT 910	4.9
Titanium dioxide	35.0
ADDITOL® P 896	3.0
Benzoin	0.5

### Extrusion & Application Conditions

Extrusion	
Extruder	Twin screw
Speed	200 rpm
Torque	60 to 70 %
Temperature	125 to 135 °C
Application	
Application	60 micrometer film on 0.5 m steel panel
Spray Gun	Output voltage: 60 kV
Curing	10 min @ 170 °C metal temperature 15 min @ 160 °C metal temperature

### Film Properties

Test	Result
Gloss @ 20°/60° (%)	84/93
Direct/reverse impact (kg. cm or in. lbs.)	160/160

### 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.

July 2020 – Supersedes previous versions