

**General Description**

CRYLCOAT® 2411-2 is a carboxylated polyester resin for use in 93/7 TGIC powder coatings. Coatings based on CRYLCOAT® 2411-2 exhibit outstanding flow, very good flexibility, improved ageing stability and excellent outdoor durability.

(Former CRYLCOAT® E 04311)

**Saturated Polyester Resin**

**Product Specification**

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	4400-5600
Color, b-value	Max. 10
Acid value (mg KOH/g)	29-34

**Other Properties**

	Typical value
Glass transition (°C)	Approx. 63

**Starting Formulation**

Component	Weight (%)
CRYLCOAT® 2411-2	55.1
TGIC	4.1
Titanium dioxide	39.5
MODAFLOW® Powder 6000	1.0
Benzoin	0.3

**Extrusion & Application Conditions**

Extrusion	
Extruder	Twin screw
Speed	250 rpm
Torque	60 ± 5 %
Temperature	80 to 100 °C
Application	
Application	60 micrometer film on steel panel
Spray Gun	Output voltage: 60 kV
Curing	10 min @ 200° C metal temperature

**Film Properties**

Test	Result
Gloss @ 20°/60° (%)	88/100
Direct/reverse impact (kg. cm or in. lbs.)	160/160

**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.

July 2020 – Supersedes previous versions