

General Description

CRYLCOAT® 2489-5 is a low demand, carboxyl functional polyester resin for use with 5% TGIC or 3.5% HAA hardener in the production of industrial powder coatings. Formulations based on CRYLCOAT® 2489-5 exhibit high degree of smoothness, gloss and flow out combined with high flexibility.

Saturated Polyester Resin

Preliminary Technical Data Sheet

Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	Approx. 6500
Color, b-value	Max. 20
Acid value (mg KOH/g)	Approx. 25

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.

Other Properties

	Typical value
Glass transition ($^{\circ}\text{C}$)	Approx. 59

Starting Formulation

Component	Weight (%)	Weight (%)
CRYLCOAT® 2489-5	61.4	66.5
TGIC	-	3.5
Primid® XL 552	2.6	-
Titanium dioxide	34.5	28.5
MODAFLOW® Powder 6000	1.0	1.0
Benzoin	0.5	0.5