

General Description

CRYLCOAT® E 04452 is a carboxyl functional polyester resin for use with 7% TGIC in the production of powder coatings. Formulations based on CRYLCOAT® E 04452 exhibit good flow and excellent outdoor durability (Class 1.5 according to QUALICOAT).

Saturated Polyester Resin

Preliminary Technical Data Sheet

Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	Approx. 3200
Color, b-value	Max. 15
Acid value (mg KOH/g)	Approx. 32

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

Other Properties

	Typical value
Glass transition ($^{\circ}\text{C}$)	Approx. 58