

General Description

BECKOPOX™ E 04643 is a highly reactive epoxy functional resin designed as a hardener for carboxyl functional polyester resins for use in the production of hybrid powder coatings. Coatings based on carboxylic polyesters such as CRYLCOAT® E 04613 and CRYLCOAT® E 04681 produce outstanding smoothness and chemical resistance at temperature as low as 125°C on MDF.

Epoxy functional Resin

Preliminary Technical Data Sheet

Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 175 °C, mPa.s	Approx. 250
Color, b-value	Max. 15
Epoxy EEW (g/eq)	Approx. 450

Shelf Life

Under normal storage conditions ($\leq 25^{\circ}\text{C}$), the shelf life of the resin will be 12 months from date of manufacturing. For product older than 12 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 (°C)	Approx. 38