

General Description

CRYLCOAT® E 04324 is a hydroxyl functional polyester resin, NPG free, for use with blocked polyisocyanates, uretdiones or anhydride hardener BECKOPOX™ EH 694.

Saturated Polyester Resin

Preliminary Technical Data Sheet

Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	Approx. 3600
Color, b-value	Max. 15
Hydroxyl value (mg KOH/g)	Approx. 120

Other Properties

	Typical value
Glass transition (°C)	Approx. 51

Starting Formulation

Component	Weight (%)
CRYLCOAT® E 04324	41.0
BECKOPOX™ EH 694	15.0
Titanium dioxide	29.0
Barium sulfate	10.7
ADDITOL® P 896	4.0
Benzoin	0.3

Extrusion & Application Conditions

Extrusion	
Extruder	Twin screw
Speed	200 rpm
Torque	30 ± 5 %
Temperature	80 to 110 °C
Application	
Application	60 micrometer film on 0.5 mm chromated Al panel
Spray Gun	Output voltage: 60 kV
Curing	10 min @ 200° C metal temperature

Shelf Life

Under normal storage conditions (≤25°C), the shelf life of the resin will be 24 months from date of manufacture. 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.

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