

### General Description

CRYLCOAT® 2606-3 is a high performance tribo active carboxyl functional polyester resin for use with Primid® XL 552 in 95/5 mixing ratio in outdoor powder coatings. Coatings made with CRYLCOAT® 2606-3 exhibit good flow, outdoor durability, overbake-, gas-oven- and water-spot resistance.

(Formerly CRYLCOAT® E 04416)

Preliminary Technical Data Sheet

### Saturated Polyester Resin

#### Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	Approx. 4500
Color, b-value	Max. 15
Acid value (mg KOH/g)	Approx. 33

#### Other Properties

	Typical value
Glass transition (°C)	Approx. 66

#### Starting Formulation

Formulation	RAL 6005	RAL 9010
CRYLCOAT® 2606-3	61.3	57.0
Primid® XL 552	3.2	3.0
Barium sulfate	25.2	-
Titanium dioxide	-	34.5
ADDITOL® P 824	5.0	5.0
RAL 6005 Pigment Mix	4.8	-
Benzoin	0.5	0.5

#### Extrusion & Application Conditions

Extrusion	
Extruder	Twin screw
Speed	350 rpm
Torque	70 to 80 %
Temperature	80 to 120 °C
Application	
Application	60 micrometer film on chromated Al panel
Spray Gun	Output voltage: 60 kV
Curing	10 min @ 180 °C metal temperature

#### Film Properties

Test	Result
Gloss @ 20°/60° (%)	92/97
Direct/reverse impact (kg. cm or in. lbs.)	70/70
Water-spot test acc. to GSB AL 631 ΔL / RAL 6005	1.0

#### 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