

General Description

SETAPOLL™ SP281 is a low hardener demand, carboxyl functional polyester resin for Architectural, standard bake applications when combined with β -hydroxyalkylamide at a 97:3 ratio. This resin has very good flow, gloss and overbake stability. Can also be used as part of matte pair system with SETAPOLL™ SP285 and is suitable for corona application.

Saturated Polyester Resin

Product Specification

	Limits
Appearance	Pale Granules
Acid value (mg KOH/g)	16-22
Brookfield Viscosity @ 200 °C, mPa.s	4000-7000
Color, b value	Max. 15

Other Properties

	Typical value
Glass transition (°C)	Approx. 50

Extrusion & Application Conditions

Application	
Application	60 micrometer film on 0.6 mm aluminium panel
Curing	10 min @ 200 °C peak metal temperature

Shelf Life

Under normal storage conditions ($\leq 25^{\circ}\text{C}$), 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.

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