

General Description

SETAPOLL™ SP391 is a low hardener demand, carboxyl functional polyester resin for exterior durable, standard bake applications when combined with β -hydroxyalkylamide at 97:3 ratio. This resin has very good flow and gloss. It has excellent overbake properties and is gas oven stable. It is a gas oven stable version of SETAPOLL™ SP291 and can also be used as part of matte pair system with SETAPOLL™ SP395.

Saturated Polyester Resin

Product Specification

	Limits
Appearance	Pale Granules
Acid value (mg KOH/g)	16-22
Brookfield Viscosity @ 200 °C, mPa.s	6500-9500
Color, b value	Max. 15

Other Properties

	Typical value
Glass transition (°C)	Approx. 55

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 ($\leq 30^{\circ}\text{C}$), 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.

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