

Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBECOR™ 1590 is despatched from our Sant'Albano Stura - Italy production plant.

For further information regarding this product please refer to:

Synthomer Specialty Resins

Phone: +39 0172 658111

eMail: infopowder@synthomer.com

Property	Typical Value	Unit	Method ¹
Acid value	46 - 52	mg KOH/g	Synt. 13/89
Viscosity @200°C (ICI C&P)	3000 - 5000	m Pascal • s	Synt. 21/90
Colour (50% solution)	2 max	Gardner	Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 57	°C	Synt. 43/93

¹ internal method based upon the specified norm

Application Advice

ALBECOR™ 1590 resin is designed for low temperature curing applications starting from 140°C, in 93:7 β-HAA ratio. It combines very good reactivity along with excellent weathering and blooming resistance. Possible uses are on parts of heavy mass, ACE, heart moving equipment, temperature sensitive substrates or fast curing applications. ALBECOR™ 1590 resin is suitable for GSB Florida 1 year and Qualicoat Class 1 approvals.

Starting Formula:

ALBECOR™ 1590	604
β-HAA	46
Ti dioxide	286
Barium Sulphate	50
Flow Agent ²	10
Benzoin	4
	1000

²66% active matter.

Baking Schedule:

ALBECOR™ 1590 resin can reach full cure, depending on formulation and substrate, starting from 25-30 minutes at 140°C (object temperature).

Shipping and Storage

ALBECOR™ 1590 resin should be stored in the original, undamaged and unopened containers in a dry place at temperatures between 5 and 30°C. Exposure to direct sunlight should be avoided. Under these conditions, the shelf life of this product is 1 (one) year from the date of delivery. Based on experience, the resin proved stable for an additional 3 (three) years.

Product Safety

Before handling please read the Safety Data Sheet of this product for advice on safety, use and disposal.