

Carboxyl Terminated Polyester Resin

Delivery form: pale granules.

ALBESTER SilkyMatt™ 5590 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)	3300 - 4300	m Pascal • s	Synt. 21/90
Colour (50% solution)	2 max	Gardner	Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 68	°C	Synt. 43/93

¹ internal method based upon the specified norm

Application Advice

ALBESTER SilkyMatt™ 5590 resin is designed for combination with β -HAA in 93:7 ratio. By physical blending with coatings based on ALBESTER SilkyMatt™ 5540 resin or ALBESTER™ 5536 resin, matt finishing is achieved with excellent gloss consistency. The resulting coatings are suitable for GSB Florida 1 year and Qualicoat Class 1 approvals.

Starting Formula:

ALBESTER SilkyMatt™ 5590	604
β -HAA	46
Ti dioxide	286
Barium Sulphate	50
Flow Agent ²	10
Benzoin	4
	1000

²66% active matter.

Baking Schedule:

10 minutes at 180°C (object temperature).

Shipping and Storage

ALBESTER SilkyMatt™ 5590 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.