TECHNICAL DATA SHEET

ALBESTER SilkyMatt™ 5680

Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER SilkyMatt™ 5680 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	68 - 78	mg KOH/g	Synt. 13/89
Viscosity @200°C (ICI C&P)	1800 - 3000	m Pascal • s	Synt. 21/90
Colour (50% solution)	3 max	Gardner	Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 56	°C	Synt. 43/93

[1] internal method based upon the specified norm

Application Advice

ALBESTER SilkyMatt™ 5680 resin has been specifically designed for combination with ß-HAA in 90:10 ratio. It has been formulated for achieving very low gloss finish in combination with ALBESTER SilkyMatt™ 5540 resin or ALBESTER SilkyMatt™ 5600 resin in ß-HAA systems through dry-blend technique. The resulting coatings exhibit good gloss consistency and exterior durability, the appearance of the coating is affected by stoichiometry ratio and particle size distribution.

Starting Formula:

ALBESTER SilkyMatt™ 5680	550
ß-HAA	61
Ti dioxide	300
Barium Sulphate	75
Flow Agent[2]	10
Benzoin	4
	1000

[2]66% active matter.

Baking Schedule:

10 minutes at 180°C (object temperature).

Shipping and Storage

ALBESTER SilkyMatt™ 5680 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.

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