

Hydroxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER SilkyMatt™ 3600 is despatched from our Sant'Albano Stura - Italy production plant.

For further information regarding this product please refer to:

Synthomer Specialty Resins

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Property	Typical Value	Unit	Method ¹
Hydroxyl value	43 - 53	mg KOH/g	Synt. 12/89
Viscosity @200°C (ICI C&P)	6500 - 8000	m Pascal • s	Synt. 21/90
Colour (50% solution)	1 max	Gardner	Synt. 42/93
Acid value	4 max	mg KOH/g	Synt. 13/89
Other Properties			
Glass transition temper. (Tg)	approx. 63	°C	Synt. 43/93

¹ internal method based upon the specified norm

Application Advice

ALBESTER SilkyMatt™ 3600 resin is specifically designed to be co-extruded in one shot with ALBESTER SilkyMatt™ 3115 resin to produce low gloss powder coatings. It provides a general improvement on mechanical properties, excellent storage stability and weathering resistance compared to ALBESTER SilkyMatt™ 3225 resin. The system is suitable for dye-sublimation.

Starting Formula: **Low Gloss Formula**

ALBESTER SilkyMatt™ 3600	504,8
ALBESTER SilkyMatt™ 3115	168
Uretdione	288
Flow Agent ²	10
Benzoin	3
Bayferrox 420 Y	23
Bayferrox 130 M	1
Bayferrox 306 T	2,2
	1000

²66% active matter.

Baking Schedule:

10 minutes at 200°C (object temperature).

Shipping and Storage

ALBESTER SilkyMatt™ 3600 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.