

High Hydroxyl Value Polyester Resin with Low Viscosity.

Delivery form: pale granules.

ALBESTER SilkyMatt™ 6615 is desptched 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	270 - 300	mg KOH/g	Synt. 12/89
Acid value	6 max	mg KOH/g	Synt. 13/89
Viscosity @200°C (ICI C&P)	2400 - 3400	m Pascal • s	Synt. 21/90
Colour (50% solution)	2 max	Gardner	Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 53	°C	Synt. 43/93

¹ internal method based upon the specified norm

Application Advice

ALBESTER SilkyMatt™ 6615 resin is a hydroxyl functional, highly branched resin with improved weathering compared to ALBESTER SilkyMatt™ 3115 resin. This resin is designed for co-extrusion in one shot with ALBESTER SilkyMatt™ 6620 resin for low gloss finishing suitable for dye-sublimation. When used by itself, ALBESTER SilkyMatt™ 6615 resin requires a large amount of polymeric blocked isocyanate curing agent. The resulting coating achieves a very hard film with superior solvent and stain resistance which is also suitable for antigraffiti applications.

Starting Formula:

ALBESTER SilkyMatt™ 6620	504,8
ALBESTER SilkyMatt™ 6615	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™ 6615 resin should be stored indoors in the original, unopened and undamaged containers in a dry place at temperatures between 5 and 30°C. Exposure to direct sunlight and humidity 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.

