

Hydroxyl Terminated Polyester Resin Delivery form: pale granules
ALBESTER SilkyMatt™ 3115 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	280 - 310	mg KOH/g	Synt. 12/89
Viscosity @200°C (ICI C&P)	2100 - 3000	m Pascal • s	Synt. 21/90
Colour (50% solution)	1 max	Gardner	Synt. 42/93
Acid value	7 - 11	mg KOH/g	Synt. 13/89
Other Properties			
Glass transition temper. (Tg)	approx. 50	°C	Synt. 43/93

¹ internal method based upon the specified norm

Application Advice

ALBESTER SilkyMatt™ 3115 resin is a hydroxyl functional, highly branched resin. It is designed for co-extrusion in one shot with ALBESTER SilkyMatt™ 3225 resin or ALBESTER SilkyMatt™ 3600 resin for low gloss non emissive finishes. These systems are recommended in dye sublimation applications. When used by itself, ALBESTER SilkyMatt™ 3115 resin requires large amount of polymeric blocked isocyanate curing agent giving a very hard film which exhibits superior solvent, stain resistance and is also suitable for antigraffiti applications. Starting

Formula: **Low Gloss Formula**

ALBESTER SilkyMatt™ 3115	168
ALBESTER SilkyMatt™ 3600	504,8
Uretdione	288
Flow Agent2	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™ 3115 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 at least an additional 3 (three) years.

