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Hydroxyl Terminated Polyester Resin Delivery form: pale granules ALBESTER SilkyMattTM 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 SilkyMattTM 3115 resin is a hydroxyl functional, highly branched resin. It is designed for co-extrusion in one shot with ALBESTER SilkyMattTM 3225 resin or ALBESTER SilkyMattTM 3600 resin for low gloss non emissive finishes. These systems are recommended in dye sublimation applications. When used by itself, ALBESTER SilkyMattTM 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 TM 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 SilkyMattTM 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.

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