

### Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER SilkyMatt™ 5599 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 <sup>1</sup> |
|-------------------------------|---------------|--------------|---------------------|
| Acid value                    | 46 - 52       | mg KOH/g     | Synt. 13/89         |
| Viscosity @200°C (ICI C&P)    | 3500 - 4500   | m Pascal • s | Synt. 21/90         |
| Colour (50% solution)         | 2 max         | Gardner      | Synt. 42/93         |
| Other Properties              |               |              |                     |
| Glass transition temper. (Tg) | approx. 67    | °C           | Synt. 43/93         |

<sup>1</sup> internal method based upon the specified norm

## Application Advice

ALBESTER SilkyMatt™ 5599 resin is an organo-tin free grade designed for combination with  $\beta$ -HAA in 93:7 ratio. It has been specifically designed for achieving matt finishing by physical blending with coatings based on suitable low reactive resins. The resulting coatings exhibit good flow and good exterior durability, the appearance of the coating is effected by particle size distribution.

Starting Formula:

|                          |      |
|--------------------------|------|
| ALBESTER SilkyMatt™ 5599 | 604  |
| $\beta$ -HAA             | 46   |
| Ti dioxide               | 286  |
| Barium Sulphate          | 50   |
| Flow Agent <sup>2</sup>  | 10   |
| Benzoin                  | 4    |
|                          | 1000 |

<sup>2</sup>66% active matter.

Baking Schedule:

10 minutes at 180°C (object temperature).

## Shipping and Storage

ALBESTER SilkyMatt™ 5599 resin should be stored in the original, undamaged and unopened containers in a dry place at temperatures between 5 and 30°C. Exposure to 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.