

### Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER SilkyMatt™ 5591 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)    | 3300 - 4300   | 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™ 5591 resin is designed for combination with β-HAA in 93:7 ratio. The resulting coatings exhibit good exterior durability, mechanical properties, better hardness and solvent resistance compared with 95:5 system. By physical blending coatings based on ALBESTER SilkyMatt™ 5591 resin and ALBESTER SilkyMatt™ 5541 resin matt finishing can be achieved.

Starting Formula:

|                          |      |
|--------------------------|------|
| ALBESTER SilkyMatt™ 5591 | 604  |
| β-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™ 5591 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.