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#### Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER  $^{\text{TM}}$  6440 is despatched from our Sant'Albano Stura - Italy production plant.

For further information regarding this product please refer to:

Synthomer Specialty Resins

Phone: +39 0172 658111

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Property	Typical Value	Unit	Method <sup>1</sup>
Acid value	27 - 34	mg KOH/g	Synt. 13/89
Viscosity @200°C (ICI C&P)	2500 - 4000	m Pascal • s	Synt. 21/90
Colour (50% solution)	2 max Gardner		Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 57	°C	Synt. 43/93

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

# **Application Advice**

ALBESTER<sup>TM</sup> 6440 resin has been specifically designed to give improved mechanical properties and overbaking resistance compared to standard superdurable systems in 95:5 ratio with ß-HAA. It is suitable also for combination with TGIC in 93:7 ratio.

#### Starting Formula:

	93:7 TGIC	
618	ALBESTER™ 6440	604
32	TGIC	46
286	Ti dioxide	286
50	Barium Sulphate	50
10	Flow Agent <sup>2</sup>	10
4	Benzoin	4
1000		1000
	32 286 50 10 4	618 ALBESTER™ 6440  32 TGIC  286 Ti dioxide  50 Barium Sulphate  10 Flow Agent²  4 Benzoin

<sup>&</sup>lt;sup>2</sup>66% active matter.

Baking Schedule:

10 minutes at 180°C (object temperature) ß-HAA.

10 minutes at 200°C (object temperature) TGIC.

## **Shipping and Storage**

ALBESTER M 6440 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.

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