

Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBESTER™ 6440 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
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

¹ internal method based upon the specified norm

Application Advice

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

Starting Formula:

95:5 β -HAA		93:7 TGIC	
ALBESTER™ 6440	618	ALBESTER™ 6440	604
β -HAA	32	TGIC	46
Ti dioxide	286	Ti dioxide	286
Barium Sulphate	50	Barium Sulphate	50
Flow Agent ²	10	Flow Agent ²	10
Benzoin	4	Benzoin	4
	1000		1000

²66% active matter.

Baking Schedule:

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

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

Shipping and Storage

ALBESTER™ 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.