

Carboxyl Terminated Polyester Resin.

Delivery form: pale granules.

ALBECOR™ 4631 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	46 - 52	mg KOH/g	Synt. 13/89
Viscosity @200°C (ICI C&P)	1700 - 2700	m Pascal . s	Synt. 21/90
Colour (50% solution)	3 max	Gardner	Synt. 42/93
Other Properties			
Glass transition temper. (Tg)	approx. 53	°C	Synt. 43/93

¹ internal method based upon the specified norm**Application Advice**

ALBECOR™ 4631 resin is a high reactivity polyester resin for hybrid coatings. In combination with suitable epoxy resins (E.E.W. = 700 - 850) in 60:40 ratio, it offers good mechanical properties, corrosion resistance and overall chemical resistance. ALBECOR™ 4631 resin is suitable for white domestic appliances in fast line application or low temperature curing.

Starting Formula:

ALBECOR™ 4631	352
Epoxy resin	235
Ti dioxide	300
Barium Sulphate	100
Flow Agent ²	9
Benzoin	4
	1000

²66% active matter.

Baking Schedule:

10 minutes at 160°C (object temperature).

Shipping and Storage

ALBECOR™ 4631 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.