

GALSTAFF MULTIRESINE

SPECIALITY RESINS AND AUXILIARIES

SYNTEVEN 447

Product description

SYNTEVEN 447 is a styrenic DCPD-modified unsaturated polyester resin, amine promoted, medium reactive.

Application

SYNTEVEN 447 is used as binder for highly filled knifing fillers for car body repairing. It can be used in combination with other resins to increase their flexibility.

Properties

SYNTEVEN 447 is a cold-curing resin, even at very low temperatures. After addition of benzoyl peroxide (BPO) it yields a very flexible polymer.

Specification

<u>Property</u>	<u>Range</u>	<u>Unit of measure</u>	<u>Norm/Method</u>
Iodine colour value	max 10		GA 002.1
Acid value	5 - 15	mg KOH/g	GA 004.1
Viscosity at 23°C	650 – 850	mPa·s	GA 005.1
Non-volatile content	63 - 65	%	GA 006.1

Additional properties*

<u>Property</u>	<u>Range</u>	<u>Unit of measure</u>	<u>Norm/Method</u>
Density at 20°C	appr. 1,11	g/ml	DIN 53217/2
Curing properties: (50,0g Resin, 1,0g BPO 50%)			GA 019.10
Time from 25°C to 35°C	10,5 – 13,5	min.	
Time from 25°C to peak	16 - 20	min.	
Peak exotherm	70 - 90	°C	
Stability at 25°C	6	months	

* These values provide general information and are not part of the product specification.

Storage

The resin should be stored indoors, in the original packaging, at temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided. The properties of the product might change during storage.

Safety

Please consult the Safety data sheet before working with this product.

The information contained in this data sheet is based on laboratory data and field experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any liability for occurrences arising out of its use. The user, by accepting the products described herein, agrees to be responsible for thoroughly testing each such product before committing to production. Our recommendations should not be taken as inducements to infringe any patent or violate any law, safety code or insurance regulation.

Ed: 02/01/2012 Ver 04 Pag. 1/1

