



3075 Chopped Strand

(Revised-7/04)

APPLICATION

3075 chopped strand is designed to reinforce thermoset bulk molding compounds for the production of compression or injection molded parts. 3075 chopped strand has been used successfully in composite applications that meet FDA requirements.

USER BENEFITS

- Efficient, cost-effective processing
- Good color characteristics permit pigmentation or color matching to specification
- Excellent mechanical properties
- Low thermoset resin demand contributes to minimum mixing time
- Superior strand integrity resists generation of fuzz or fines as the product passes through the feeding systems
- High compounding rates
- Sizing system is tailored to provide uniform dispersion during the compounding operation
- Product is manufactured in conformance to ISO 9002 requirements

PRODUCT DESCRIPTION

Property	Description
Type of Fiber	E-Glass (ASTM D 578-98, paragraph 4.2.2)
Fiber Diameter	K
Micrometers, μm (in $\times 10^5$)	13 (53)
Type of Sizing	Silane
Cut Length	3.2 mm (1/8 in)
	6.4 mm (1/4 in)
	12.7 mm (1/2 in)

TYPICAL LAMINATE MECHANICAL PROPERTIES

Property	Unit	Thermoset Polyester		ASTM Method
		C-M	I-M	
Flexural Strength	Mpa	127	120	D790
Tensile Strength	Mpa	42	37	D638
Flexural Modulus	Gpa	10.5	10.5	D790
Izod Impact	J/m	374	230	D256
Reverse Impact	J/m	n/a	118	
Glass Content	% by wt.	25	25	D2584
Cut Length	mm	12.7	12.7	
	in	1/2	1/2	

PALLETIZING & PACKAGING DATA

Types:

CSB-50 Bag
 CS-1000 Carton
 CSB-1800 Bag

See North America Packaging Options