



Represented by:
RIBELIN SALES, INC.

(877) 742-3546

fax (877) 474-2354

Garland, TX • Houston, TX • Phoenix, AZ • Los Angeles, CA
Atlanta, GA • Orlando, FL • Charlotte, NC

SELECT REINFORCEMENTS CHOPPED STRAND

F346

EC13-T437A-1/2" BMC

Product Description

Select Reinforcements chopped strand, F346, is an E-glass thermoset bulk molding compound reinforcement designed to reinforce compression or injection molded parts. It is compatible with both polyester and vinyl ester resin systems.

Product Characteristics

- Good white fiber penetration in pigmentation.
- Good dry flow performance.
- High strand integrity; easy fiber feeding; low static; no fuzz.
- Good dispersion.
- Low resin demand; short mixing period.
- Good laminate mechanical properties.
- Good cosmetic properties on molded surface.
- Silane coupling agent.

Technical Specifications

Type of fiberglass	E-glass
Filament diameter	13
LOI (%)	1.63
Moisture (%)	0.05
Cut Length (inch)	1/2"

This information is based on data available to us and is accurate and reliable to the best of our knowledge at the time of printing. However, no warranty is expressed or implied regarding the accuracy or completeness of the information contained herein. Final determination of the suitability of this material for the use contemplated is the sole responsibility of the user. Buyer assumes all risk and liabilities. Buyer accepts and uses this material on these conditions.

Chopped Strand

979 (BMC)

Chopped Strand 979 Data Sheet

Chopped Strand 979 is a high performance chopped-strand reinforcement engineered for optimum performance in BMC compression, injection and transfer molding applications. The 979 sizing is specifically formulated for maximum compatibility with polyester and vinyl ester resin systems.

The 979 chopped-strand reinforcements can be used in a wide variety of applications, including appliance components, automotive headlight reflectors and valve covers; electrical junction boxes and switch components; hand tool housings, sinks and countertops.

Key Characteristics

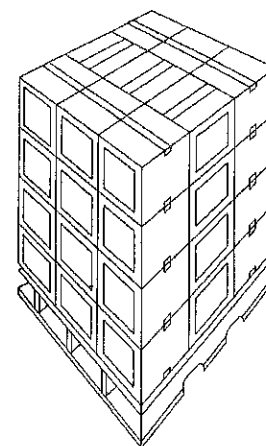
Outstanding physical properties
Excellent pigmentation
Excellent dry flow characteristics
Low static and fuzz
Distinct white color

Product Data

Fiber Lengths	1/8", 1/4" and 1/2"
Ignition Loss	1.5% nominal-1/4" and 1/2" 2.0% nominal-1/8"

Packaging Data

	Individual Cartons 1/8" and 1/4"	Individual Cartons 1/2"	Bottom Drop Boxes 1/4" and 1/2"
Carton Net Weight	50 lbs.	50 lbs.	One box per pallet
Pallet Net Weight	2,250 lbs.	1,800 lbs.	1/4"-1,200 lbs; 1/2"-1,000 lbs.
Pallet Dimensions	L-45" x W-45" x H-69"	L-45" x W-45" x 71"	L-44" x W-36" x H-48"
Cartons Per Pallet	45	36	One box
Pallet Wrap	Stretch Film	Stretch Film	Stretch Film



Mechanical Properties in Unsaturated Polyester BMC Resin System*

Product	English	Value	Metric	Value
Glass % Wt.	%	15.0	%	15.0
Resin % Wt.	%	33.5	%	33.5
Filler % Wt.	%	51.6	%	51.6
Tensile Properties (per ASTM D638)				
Strength	KPSI	5.33	MPa	36.7
24-Hour Boil	KPSI	3.61	MPa	24.9
Modulus	MSI	1.03	GPa	7.1
24-Hour Boil	MSI	0.58	GPa	4.0
Flexural Properties (per ASTM D790)				
Strength	KPSI	14.67	MPa	101.2
24-Hour Boil	KPSI	8.63	MPa	59.5
Modulus	MSI	1.48	GPa	10.2
24-Hour Boil	MSI	0.71	GPa	4.9
Izod Impact Properties (per ASTM D256)				
Notched	Ft.-lb./in.	5.35	J/m	285.6
Unnotched	Ft.-lb./in.	6.88	J/m	367.2

*Results of tests performed on 979 1/4" Chopped Strands.


SAINT-GOBAIN
VETROTEX

Saint-Gobain Vetrotex America, Inc.
750 East Swedesford Road
Valley Forge, PA 19482
USA
Tel: 610-341-7000
Fax: 610-341-7470
www.sgva.com

Customer Service
Saint-Gobain Vetrotex America, Inc.
4515 Allendale Road
Wichita Falls, TX 76310
(800) 433-0922

Mechanical property data developed in accordance with standard ASTM specifications. Relative values shown are accurate to the best of our knowledge, but should not be used for design purposes, since absolute values can be influenced by fabricator processing conditions.