



**CUSTOMER
ACCEPTANCE
STANDARD**

No. TP-194
Date: 22-Nov-04
Supersedes: 22-Jun-99
Page: Page 1 of 2

BEAMED FIBERGLASS YARN FOR FILAMENT TAPE REINFORCEMENT

I. DESCRIPTION

Beamed Fiberglass yarn is an accumulation of parallel ends pulled from a creel and wound on flanged section beams.

II. USE

These beams are used in the manufacturing of parallel reinforced tape products.

III. AVAILABLE PRODUCTS AND NUMBER OF ENDS

Available Yarns	Maximum Million End Yards by Beam Number		Available Ends
	Beam Number		
	9002	9004	
ECG75 1/0 620 0.7 Z, S or A	22.5	26.6	See Table 1
ECG150 1/0 646 0.7 Z, S or A	46.0	53.2	See Table 2

Table 1.

Beam Type	Minimum Ends	Maximum Ends
9002	300	880
9004	350	880

Table 2.

Beam Type	Minimum Ends	Maximum Ends
9002	300	1090
9004	350	880

The customer's order shall specify the twist directions desired, "S" or "Z" or alternately spaced "S" and "Z" twists designated as "A"

NOTE: To determine the available package for the ends and length required, the following procedure shall be followed:

1. Calculate the number of million end yards (MEY) by multiplying the required ends times the required length. (Example 700 ends x 35000 yards=24500000 or 24.5 MEY)

This specification is subject to change without notice.



CUSTOMER ACCEPTANCE STANDARD

No. TP-194
Date: 22-Nov-04
Supersedes: 22-Jun-99
Page: Page 2 of 2

- Using the above chart(s), select the package having the nearest maximum MEY capacity exceeding the calculated MEY
- The applicable package per the example would be Package 9002, however, the product is likewise available on all other packages having a capacity greater than Package 9002.

IV PHYSICAL PROPERTIES OF CONSTITUENT YARNS AND TEST METHODS

Yarn	TPI and Direction	Size	Nominal Bare Glass Yardage	Minimum Break Strength	Nominal Yarn Diameter (in.)	Nominal Yarn Build-up (in.)
G75 1/0	0.7 S, Z or A	620	15000	5.7	0.0106	0.0062
G150 1/0	0.7 S, Z or A	646	7300	4.0	0.0080	0.0050
Test Method	D-15A		W-07 Ea	S-1 Fb	D-02C, D-02Eb	

V. PACKAGE DESCRIPTIONS AND WORKMANSHIP CRITERIA

See Advanced Glassfiber Yarns document CAS BM-Pkg-1 for more information

VI. ADDITIONAL PACKAGING REQUIREMENTS

In addition to the standard procedures for doffing, a lease paper will be inserted into the beam prior to final anchoring of the ends to the beam.