

DESCRIPTION

Glass yarns are manufactured using E-glass fiber with proprietary PU resin systems to produce an innovative, value added reinforcement solution with high degree of softness and strength. It has a special smooth, flexible coating which improves handling and eliminates dust and loose fiber generation during cable production even at very high speeds, leading to high productivity and ultimate cable strength. The soft fiber spread evenly on cable the core minimizes, thickness build-up. It comes in variety of coatings, offering good adhesion top materials like PE, PVC etc.it is available in long continuous lengths for enhanced productivity.

It has a very high strength to weight ratio resulting in light weight cable with utmost ease of handling.



PRODUCT CHARACTERISTICS – NOMINAL VALUES

SN.	PARAMETERS	UNIT	REQUIREMENT				TEST METHOD
			TYPE A	TYPE B	TYPE C	TYPE D	
1	Linear Density	Tex	1700±5%	800±5%	630±5%	1260±5%	ASTM D-578
2	Breaking load	N	≥ 950	≥ 440	≥ 350	≥ 600	ASTM D-885
3	Modules of Elasticity	N/nm ²	≥ 65000	≥ 65000	≥ 65000	≥ 65000	ASTM D-885
4	Load at Elongation at 0.5% strain	Newton	≥ 200	≥ 100	≥ 75	≥ 150	ASTM D-885
5	Elongation at break	%	≤ 5	≤ 5	≤ 5	≤ 5	ASTM D-885
6	Loss on Ignition	%	6±2	6±2	6±2	6±2	ASTM D-4763-94
7	Water absorption, 1 minute in Deionised water	% weight gain	≥400	≥400	≥400	≥400	ASTM D-570

PACKAGING

Cop Details	
Outside diameter (Pkg OD)mm	250
Inside diameter (Tube ID)mm	76
Traverse (T) mm	256
Tube length (L)mm	280
Product (As per TEX)	1250
Max length per pkg,kms.1	13.3
Tube Type (Rhino)	Card Board
Max weight per pkg,kgs.1	16.3
Carton/Pallet Nos. (Exports)	48
Pallet Dimension L×W×H	1150×870×130
Carton/Pallet Nos.	45
Pallet Dimension L×W×H	920×870×130

