

AKSH TECHNOLOGIES LTD. (A wholly owned subsidiary of AKSH OPTIFIBRE LTD.)	PRODUCT SPECIFICATION <i>TELEGLASS WB 300 Tex</i>	ATL-P-06-WB300	
		ISSUE 1	DATE 16/03/11
Distribution	MR,MARKETING,QC	Rev.	1
Prepared By:	QUALITY HEAD	UL & URS Registered firm. ISO 9001:2008 & ISO14001:2008. <u>ACCREDITATION BY:</u> UKAS & ANAB.	
Approved By:	DIRECTOR		

1. GENERAL:

Teleglass WB is E-Glass reinforcement coated with super absorbent resin. It eliminates flooding gels & tapes from fiber optic cables. Teleglass WB swells to form gel as it comes in contact with water and stops further flow in cable jacket. It has good abrasion resistance and easy handling properties. It is used in optical fibre cables as reinforcement to improve tensile strength and rodent protection properties.

The properties, requirement and test methods for Teleglass WB are specified in Table 1.

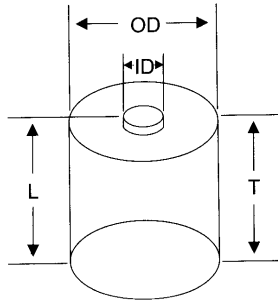
S.NO	Physical Properties	Requirement		Test Method
		Unit	Specification	
1	Linear Density	TEX	300±5%	ASTM D-578
2	Tensile Strength at Break	N	≥175 N	ASTM D-885
3	Load @ 0.5 % Elongation	N	≥40	ASTM D-885
4	Modulus of Elasticity	N/mm ²	≥65000	ASTM D-885
5	Loss of Ignition	%	6±2	ASTM D-4963-94
6	Elongation at Break	%	≤5	ASTM D-885
7	Strand Width	mm	1.50±0.5	ASTM D-885
8	Strand Thickness	mm	0.15±0.05	ASTM D-885
9	Water Absorption	%	>400	ASTM D-570

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2. PACKAGING:

This material will be supplied on cardboard tubes plastic bag for moisture protection and protected inside cardboard boxes.

Outside Diameter (OD)	250 mm
Inside Diameter (ID)	95 mm
Traverse (T)	250 mm
Tube Length (L)	275 mm



OUR PRODUCT COMPLIES TO ROHS AND REACH