

AKSH TECHNOLOGIES LTD. (A wholly owned subsidiary of AKSH OPTIFIBRE LTD.)	<b>PRODUCT SPECIFICATION</b> <i>TELEGLASS SS 300 Tex</i>	<b>ATL-P-06-SS300</b>	
		<b>ISSUE 1</b>	<b>DATE 16/03/11</b>
<b>Distribution</b>	<b>MR,MARKETING,QC</b>	<b>Rev.</b>	<b>1</b>
Prepared By:	QUALITY HEAD	<b>UL &amp; URS Registered firm. ISO 9001:2008 &amp; ISO14001:2008. <u>ACCREDITATION BY:</u> UKAS &amp; ANAB.</b>	
Approved By:	DIRECTOR		

## 1. GENERAL:

Teleglass SS is coated E-Glass roving with soft, abrasion resistant resin for easy handling and Enhanced flexibility .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 SS are specified in Table 1.

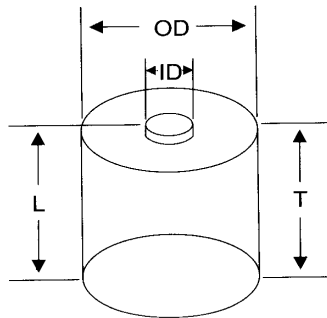
S.NO	Physical Properties	Requirement		Test Method
		Unit	Specification	
1	Linear Density	TEX	300±5%	ASTM D-578
2	Tensile Strength at Break	N	≥175 N	ASTM D-885
3	Load @ 0.5 % Elongation	N	≥40	ASTM D-885
4	Modulus of Elasticity	N/mm <sup>2</sup>	≥65000	ASTM D-885
5	Loss of Ignition	%	6±2	ASTM D-4963-94
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

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**2. PACKAGING:**

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

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



***OUR PRODUCT COMPLIES TO ROHS AND REACH***