

Glass Yarn for Optical Fiber Cable

Application

VR-003 glass yarn for optical fiber cable is widely used in all-dielectric optical cable. It can make the structure of cable compact and increase the tensile strength and the compressive strength. And it makes the optical cable work normally whether the temperature is too high or too low so that the cable can adapt more hostile environment. What's more, its feature of insulation can protect the optical cable from lightning strike and other electromagnetic interference.

Feature

Glass yarn for optical fiber cable is harmless, noncombustible, anticorrosion and anti-high temperature, with small elongation, homogeneous thickness and stable chemical properties. And its surface has no dust, burs, buckling and damage. There is no adhesion between the fiber layers and the glass yarn.

Main Technical Parameters

No.	Item	Unit	Specifications and requirements	
			600 model	1200 model
1	Linear density	tex	600±10%	1200±10%
2	Breaking strength	N	≥400	≥600
3	0.5% load	N	≥90	≥170
4	1.0% load	N	≥170	≥340
5	Elongation at break	%	≤2.5	
6	Expansion rate (Soaking 5min)	ml/g	≥2.0	
7	Young's modulus	Gpa	≥70	
8	Color (visual inspection)	—	white	

Other

1.Payment :TT/LC

30% deposit ,70% balance should be paid before shipment.

2.Delivery date

20' GP : within 7 working days after receiving the deposit.

40' GP : within 10 working days after receiving the deposit.