

Mid-Mountain Materials SILTEX® XS-150 Silica Yarn

Category : Ceramic , Glass , Glass Fiber , Oxide , Silicon Oxide

Material Notes:

SILTEX® SILICA YARN XS-150 is comprised of continuous filament, amorphous silica fibers and offers superior protection in electrical applications, as well as excellent resistance to thermal shock and high dielectric strength. SILTEX® SILICA YARN XS-150 is highly porous, and will operate continuously at temperatures up to 1800°F (982°C). Lubricated with PTFE for ease of handling and improved abrasion resistance, SILTEX® SILICA YARN XS-150 has minimal shrinkage at service temperatures. Information provided by Mid-Mountain Materials

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mid-Mountain-Materials-SILTEX-XS-150-Silica-Yarn.php

Physical Properties	Metric	English	Comments
Filament Diameter	508 µm	508 µm	
Fiber Count	15.0 dtex	13.5 denier	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	982 °C	1800 °F	Continuous
Shrinkage	7.0 % @Temperature 982 °C	7.0 % @Temperature 1800 °F	

Component Elements Properties	Metric	English	Comments
SiO2	98 %	98 %	

Descriptive Properties	Value	Comments
Coating	PTFE	
Coating (%)	7	PTFE
Spool Weight (lbs)	0.25	
Tensile Strength (lbs)	3.8	
Yield (ly/lb)	3300	

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