

Goodfellow Alumina/Silica SiO2 20/Al2O3 80

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

A continuous multi-filament yarn similar to those made wholly from alumina, relative to which it has a lower upper-use temperature but is more flexible. Similarly, it is used for composites and thermal insulation. Information provided by Goodfellow.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Goodfellow-AluminaSilica-SiO2-20Al2O3-80.php

Physical Properties	Metric	English	Comments
Density	3.10 g/cc	0.112 lb/in ³	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1600 °C	2910 °F	Continuous Use

Component Elements Properties	Metric	English	Comments
Al2O3	80 %	80 %	
SiO2	20 %	20 %	

Descriptive Properties	Value	Comments
Tenacity (GPa)	1.6	

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