Beijing Evergrow Resources BF-3 Basalt Needle Felt

Category : Other Engineering Material , Composite Fibers

Material Notes:

Basalt fiber is a material made from extremely fine fibers of basalt. It is used as a fireproof textile in the aerospace and automotive industries and can also be used as a strengthening and repairing of engineering structure products. Advantages: High strengthIncombustibleGood thermal propertiesGood insulatorWill work at 500-800 degreesInformation provided by Beijing Evergrow Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Evergrow-Resources-BF-3-Basalt-Needle-Felt.php

Physical Properties	Metric	English	Comments
Filament Diameter	9.0 - 13 µm	9.0 - 13 µm	
Thickness	3000 - 4000 microns	118 - 157 mil	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0300 - 0.316 W/m-K	0.208 - 2.19 BTU-in/hr- ft²-°F	according to the difference density

Descriptive Properties	Value	Comments
Flammability Test	Incombustible	
Length (m)	50	
Weight (g/m²)	400	
Width (mm)	1000	

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