

Beijing Evergrow Resources BF-15 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 strength, Incombustible, Good thermal properties, Good insulator, Will work at 500-800 degrees. Information provided by Beijing Evergrow Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Evergrow-Resources-BF-15-Basalt-Needle-Felt.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------------|------------------------|----------|
| Filament Diameter | 9.0 - 13 μm | 9.0 - 13 μm | |
| Thickness | 13000 - 15000 microns | 512 - 591 mil | |

| Thermal Properties | Metric | English | Comments |
|----------------------|----------------------|--|-------------------------------------|
| Thermal Conductivity | 0.0300 - 0.316 W/m-K | 0.208 - 2.19 BTU-in/hr-ft ² -°F | according to the difference density |

| Descriptive Properties | Value | Comments |
|----------------------------|---------------|----------|
| Flammability Test | Incombustible | |
| Length (m) | 20 | |
| Weight (g/m ²) | 2150 | |
| Width (mm) | 1000 | |

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