

## **FIRE RESISTANCE HIGH STIFFNESS & HIGH STRENGTH NATURAL REINFORCEMENT**

**BASALTEX™** is a technical division of NV Flocart, located in Belgium, specialized in products made out of basalt fibers. These natural mineral fibers extruded out of molten basalt rocks, offer unique fire resistance and high mechanical properties (at the level of S-glass).

Tensile Strength (ASTM D2343)	2700-3200 MPa
E-Modulus (ASTM D2343)	84-87 GPa
Elongation at break	3,15 %
Density	2,67 g/cm³

### **Thermal properties**

Melting Point	1450°C
Minimum operating temperature	-260°C
Maximum operating temperature	600°C
Fire blocker	Up to 1200°C

We offer a wide range of products : continuous roving, chopped fibers, milled fibers, woven & multiaxial fabrics, needle felts, woven tapes, hybrid fabrics, hybrid yarn,... These products can be combined with epoxy, phenolic, PU, polyester and thermoplastic resins.



**BASALTEX™** supports and develops together with its customers solutions based on basalt fiber composites.

Application fields : Railway, Construction, Automotive, Marine, Aerospace, Sport & Leisure, Wind energy ...

For more info, you are welcome to visit our website :

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