

## **Technical Data Sheet**



| Fiber<br>Diameter<br>(um) | Tensile<br>Strength<br>(MPa) | Tensile<br>Modulus<br>(GPa) | Density<br>(g/cm³) | Specific<br>Modulus<br>(GPa/g/cm³) | Moisture<br>(%) | Applications  | Chemical<br>Resistance   |
|---------------------------|------------------------------|-----------------------------|--------------------|------------------------------------|-----------------|---|--|
| 160-400                   | 130-570                      | 8.2-9.1                     | 1.47               | 6                                  | 6-12            | Structural<br>composites,<br>packaging, textiles,<br>concrete/shot crete<br>Composites, rope,<br>fiber sacks,<br>rug/carpet backing,<br>geotextiles,<br>concrete/shot crete | Good<br>resistance<br>to alkalis<br>and<br>solvents,<br>poor<br>resistance<br>to strong<br>acids |



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