

OMNIPRO® HPP GRC20

Homopolymer Polypropylene. 20% Glass Reinforced.

Typical mechanical properties

Tensile Modulus	5200 MPa	ISO 527-1/-2
Stress at break, 5mm/min	74 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.4 %	ISO 527-1/-2
Flexural Modulus	5000 MPa	ISO 178
Flexural Strength	120 MPa	ISO 178
Charpy impact strength, 23°C	9.5 kJ/m ²	ISO 179/1eU

Other properties

Density	1040 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h
Max. mould temperature	25 - 60 °C

