

OMNIPRO® HPP GRC40 LG

Preliminary Datasheet.

Polypropylene, homopolymer, 40% glass fiber reinforced, chemically coupled, heat stabilized

Typical mechanical properties

Stress at break, 5mm/min	100 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3 %	ISO 527-1/-2
Flexural Modulus	10000 MPa	ISO 178
Flexural Strength	159 MPa	ISO 178
Charpy impact strength, 23°C	15 kJ/m ²	ISO 179/1eU

Other properties

Density	1240 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	50 - 80 °C

