

OMNIPRO® HPP GRC40 LG

OMNIPRO®

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

Product information

Resin Identification	PP-GF40	ISO 1043
Part Marking Code	>PP-GF40<	ISO 11469

Rheological properties

Melt mass-flow rate	6 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile stress at break, 5mm/min	100 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	3 %	ISO 527-1/-2
Flexural modulus	10000 MPa	ISO 178
Flexural strength	160 MPa	ISO 178
Charpy impact strength, 23°C	15 kJ/m²	ISO 179/1eU

Physical/Other properties

Density	1240 kg/m³	ISO 1183
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