

OMNIPRO® CPP GRC10

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Polypropylene , copolymer, 10% glass fiber reinforced, chemically coupled.

Product information

Resin Identification	PP-GF10	ISO 1043
Part Marking Code	>PP-GF10<	ISO 11469

Rheological properties

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

Typical mechanical properties

Tensile modulus	3200 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	45 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	4 %	ISO 527-1/-2
Flexural modulus	2700 MPa	ISO 178
Flexural strength	75 MPa	ISO 178
Charpy notched impact strength, 23°C	7 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.37 ^[C]	

[C]: Calculated

Physical/Other properties

Density	970 kg/m ³	ISO 1183
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