

# OMNIPRO® CPP R GRC20 BK1500

## OMNIPRO®

### Product information

Resin Identification	PP-GF20	ISO 1043
Part Marking Code	>PP-GF20<	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	5100 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	62 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.2 %	ISO 527-1/-2
Flexural modulus	4550 MPa	ISO 178
Flexural strength	100 MPa	ISO 178
Charpy notched impact strength, 23°C	7.9 kJ/m <sup>2</sup>	ISO 179/1eA
Poisson's ratio	0.35 <sup>[C]</sup>	

[C]: Calculated