

OMNIPRO® CPP R GRC20 BK2000

Celanese Corporation - Polypropylene

General Information

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Part Marking Code (ISO 11469)	• >PP-GF20<
Resin ID (ISO 1043)	• PP-GF20

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	711000	psi	ISO 527-1
Tensile Stress (Break)	8700	psi	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5
Flexural Modulus	732000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.3	ft-lb/in ²	ISO 179/1eA

Notes

¹ Typical properties: these are not to be construed as specifications.

