

OMNIPRO® HPP GRC20
Celanese Corporation - Polypropylene
General Information
General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North 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)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	754000	psi	ISO 527-1
Tensile Stress (Break)	10700	psi	ISO 527-2/5
Tensile Strain (Break)	3.4	%	ISO 527-2/5
Flexural Modulus	725000	psi	ISO 178
Flexural Stress	17400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (73°F)	4.5	ft·lb/in ²	ISO 179/1eU

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