

OMNIPRO® HPP GRC30

Celanese Corporation - Polypropylene

General Information
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Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Part Marking Code (ISO 11469)	• >PP-GF30<
Resin ID (ISO 1043)	• PP-GF30

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.13	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	1.04E+6	psi	ISO 527-1
Tensile Stress (Break)	10900	psi	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Flexural Modulus	935000	psi	ISO 178
Flexural Stress	17400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.2	ft-lb/in ²	ISO 179/1eA

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