

OMNIPRO® CPP GRC10
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, 10% Filler by Weight
Part Marking Code (ISO 11469)	• >PP-GF10<
Resin ID (ISO 1043)	• PP-GF10

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	464000	psi	ISO 527-1
Tensile Stress (Break)	6530	psi	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5
Flexural Modulus	392000	psi	ISO 178
Flexural Stress	10900	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.
