

Optipro CP20T

The Materials Group - Polypropylene Copolymer

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight
Features	• Excellent Processability
Appearance	• Black • Natural Color
Forms	• Pellets

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Ash Content	20	%	ASTM D5630
Mechanical			
Tensile Strength (Yield)	3100	psi	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus - Tangent	270000	psi	ASTM D790
Flexural Strength (Yield)	4700	psi	ASTM D790
Impact			
Notched Izod Impact	2.5	ft-lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	220	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	130	°F	ASTM D648

Notes

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

