

## Optipro HP20T

The Materials Group - Polypropylene Homopolymer

### General Information

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

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	4350	psi	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Flexural Modulus	350000	psi	ISO 178
Flexural Stress	8560	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.2	ft·lb/in	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	165	°F	ASTM D648

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

