

## Optipro HP15G

The Materials Group - Polypropylene Homopolymer

### General Information

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Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Features	• Excellent Processability
Appearance	• Black • Natural Color
Forms	• Pellets

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

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Ash Content	15	%	ASTM D5630
<b>Mechanical</b>			
Tensile Strength (Yield)	9790	psi	ASTM D638
Tensile Elongation (Break)	4.8	%	ASTM D638
Flexural Modulus	218000	psi	ASTM D790
Flexural Strength (Yield)	6380	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact	1.3	ft-lb/in	ASTM D256

### Notes

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

