

## Optipro CP15M-UV BK

The Materials Group - Polypropylene Copolymer

### General Information

#### General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral
Additive	• UV Stabilizer
Features	• Copolymer • Excellent Processability • UV Stabilized
Uses	• Automotive Applications
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	3920	psi	ISO 527-2
Flexural Modulus	334000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.3	ft-lb/in <sup>2</sup>	ISO 179

### Processing Information

Injection	Nominal Value	Unit
Drying Temperature	160	°F
Rear Temperature	380 to 400	°F
Middle Temperature	400 to 420	°F
Front Temperature	420 to 450	°F
Nozzle Temperature	430 to 460	°F
Mold Temperature	80 to 150	°F

### Notes

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

