

## Optipro TPO2051-20M

The Materials Group - *Compounded Polypropylene*

### General Information

#### General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral
Features	• Excellent Processability
Appearance	• Black                      • Natural Color
Forms	• Pellets

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

Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2600	psi	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2
Flexural Modulus	260000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	24	ft·lb/in <sup>2</sup>	ISO 180

### Processing Information

Injection	Nominal Value	Unit
Rear Temperature	400 to 480	°F
Middle Temperature	400 to 480	°F
Front Temperature	400 to 480	°F
Nozzle Temperature	400 to 480	°F

### Notes

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

