

## - Polypropylene

Friday, June 30, 2017

### General Information

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Asia Pacific	• Latin America
Features	• Flame Retardant      • Halogen Free		
Uses	• Electrical Parts		
Forms	• Pellets		

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	3920	psi	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Strength	4060	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	98		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	302	°F	ASTM D1525 <sup>2</sup>
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.12 in)	V-0		UL 94
Glow Wire Flammability Index	1760	°F	IEC 60695-2-12
Oxygen Index	33	%	ASTM D2863

#### Notes

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

<sup>2</sup> Loading 1 (10 N)

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