

### - Polypropylene

Thursday, June 29, 2017

General Information		
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Material Status	Commercial: Active	
Availability	Asia Pacific	
Features	Conductive	
Uses	Sheet	
RoHS Compliance	RoHS Compliant	
Forms	Pellets	
Processing Method	Sheet Extrusion	

# **ASTM & ISO Properties 1**

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	1.0 to 4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4060	psi	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	201000	psi	ASTM D790
Flexural Strength	5510	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	9.9	ft·lb/in	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+5	ohms	ASTM D257
Volume Resistivity	< 1.0E+5	ohms∙cm	ASTM D257

### Notes

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

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