

- Specialty Polystyrene

Friday, June 30, 2017

**General Information**

**General**

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

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	2.0 to 5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4350	psi	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	247000	psi	ASTM D790
Flexural Strength	6530	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.3	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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