

## - Specialty Polystyrene

Thursday, June 29, 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	0.94	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.

#### Teknor Apex Company Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,  
Engineered Thermoplastics (Chem Polymer)  
505 Central Avenue  
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000  
Fax: 401-725-8095  
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

#### Teknor Apex U.K. Ltd.

Tat Bank Road  
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100  
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk



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