

Sinelec CCB6975

- 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 ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	2.0 to 8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3920	psi	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	290000	psi	ASTM D790
Flexural Strength	5800	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.66	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

Processing Information

Extrusion	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 4.0	hr
Suggested Max Moisture	0.20	%
Cylinder Zone 1 Temp.	374	°F
Cylinder Zone 2 Temp.	392	°F
Cylinder Zone 3 Temp.	410	°F
Cylinder Zone 4 Temp.	428	°F
Cylinder Zone 5 Temp.	428	°F
Die Temperature	428	°F

Notes

¹ Typical properties: these are not to be construed as specifications.



Revision Date: 4/17/2014

Sinelec CCB6975

- Specialty Polystyrene

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

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

info@teknorapex.com

上海松翰塑化科技有限公司
TEKNOR APEX 特诺尔爱佩斯 一级分销商
teknorapex.shshsj.com 联系电话: 021-58958519

Revision Date: 4/17/2014

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.