

Teknor Apex Sinelec CCB2765 General Purpose Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Molded, Unreinforced

Material Notes:

Availability: Africa & Middle East; Latin America; Asia Pacific; South America Features: Electrically Conductive Uses: Sheets Forms: Pellets

Processing Method: Injection Method; Sheet Extrusion; Vacuum Forming Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinelec-CCB2765-General-Purpose-Polystyrene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955
Melt Flow	5.00 g/10 min	5.00 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 200 Â°C	@Load 22.0 lb, Temperature 392 Â°F	
	100 g/10 min	100 g/10 min	ASTM D1238
	@Load 21.6 kg, Temperature 200 Â°C	@Load 47.6 lb, Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	28.0 MPa	4060 psi	ASTM D790
Flexural Modulus	1.50 GPa	218 ksi	ASTM D790
Izod Impact, Notched	1.12 J/cm	2.10 ft-lb/in	ASTM D256
	@Temperature 22.8 Â°C	@Temperature 73.0 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 Â°C	167 Â°F	Unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	1e+05	1e+05	ASTM D257
Surface Resistance	1e+05	1e+05	ASTM D257

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