

Teknor Apex Sinelec CCB2095 Specialty Polystyrene

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

Material Notes:

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

Method: Injection Method Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Sinelec-CCB2095-Specialty-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	1.50 g/10 min	1.50 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 200 Â°C	@Load 22.0 lb, Temperature 392 Â°F	
	15.0 g/10 min	15.0 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	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	19 %	19 %	ASTM D638
Flexural Strength	36.0 MPa	5220 psi	ASTM D790
Flexural Modulus	2.00 GPa	290 ksi	ASTM D790
Izod Impact, Notched	0.400 J/cm	0.750 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)	85.0 Â°C	185 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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