



Sinelec CCB6305/G

Teknor Apex Asia Pacific PTE. LTD. - Specialty Polystyrene

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Asia Pacific	• Latin America
Features	• Electrically Conductive		
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.09		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2610	psi	ASTM D638
Flexural Modulus	232000	psi	ASTM D790
Flexural Strength	4210	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.9	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	167	°F	ASTM D648
Vicat Softening Temperature	194	°F	ASTM D1525 ²
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 7.0E+5	ohms	ASTM D257
Volume Resistivity	< 7.0E+5	ohms·cm	ASTM D257

Notes

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

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