



Sinelec CCB2765/G

Teknor Apex Asia Pacific PTE. LTD. - Specialty Polystyrene

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Electrically Conductive
Uses	• Packaging
RoHS Compliance	• RoHS Compliant
Appearance	• Black
Forms	• Pellets
Processing Method	• Extrusion • Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.10		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	2.5 to 8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2180	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	174000	psi	ASTM D790
Flexural Strength (Yield)	2900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft-lb/in	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	ASTM D257
Volume Resistivity	< 1.0E+4	ohms·cm	ASTM D257

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	392 to 482	°F
Mold Temperature	77 to 140	°F
Extrusion	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 4.0	hr
Melt Temperature	392 to 446	°F

Notes

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