



Sinelec CCB1002

Teknor Apex Asia Pacific PTE. LTD. - Low Density Polyethylene

General Information

General

Material Status	• Preliminary Data	
Availability	• Asia Pacific	
Features	• Conductive	
Uses	• Film	• Foam
RoHS Compliance	• RoHS Compliant	
Forms	• Pellets	
Processing Method	• Film Extrusion	• Foam Processing

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.00		ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/10.0 kg	4.0 to 9.0	g/10 min	
190°C/21.6 kg	25 to 42	g/10 min	
190°C/5.0 kg	0.50 to 1.8	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2030	psi	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	3.5	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
Cylinder Zone 1 Temp.	248	°F
Cylinder Zone 2 Temp.	284	°F
Cylinder Zone 3 Temp.	302	°F
Cylinder Zone 4 Temp.	302	°F
Cylinder Zone 5 Temp.	302	°F

Notes

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