



Sinelec CCB1834

Teknor Apex Asia Pacific PTE. LTD. - Polypropylene

General Information

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Conductive
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.00		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5 to 9.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3630	psi	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	155000	psi	ASTM D790
Flexural Strength	4500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	8.4	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

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	4.0	hr
Rear Temperature	428	°F
Middle Temperature	446	°F
Front Temperature	464	°F
Nozzle Temperature	464	°F
Mold Temperature	104 to 140	°F

Notes

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