

Sinelec CCB6115

Specialty Polystyrene

Teknor Apex Asia Pacific PTE. LTD.

Message:

Sinelec CCB6115 is a Specialty Polystyrene material. It is available in Asia Pacific for sheet extrusion.

Important attributes of Sinelec CCB6115 are:

RoHS Compliant

Conductive

Typical application of Sinelec CCB6115: Sheet

General Information			
Features	Conductive		
Uses	Sheet		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	1.0 to 8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	1750	MPa	ASTM D790
Flexural Strength	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	83.0	°C	ASTM D1525 ¹
Heat Deflection Temperature - 1820oC	62	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+5	ohms	ASTM D257
Volume Resistivity	< 1.0E+5	ohms · cm	ASTM D257
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.20	%	
Cylinder Zone 1 Temp.	190	°C	
Cylinder Zone 2 Temp.	200	°C	
Cylinder Zone 3 Temp.	210	°C	
Cylinder Zone 4 Temp.	220	°C	
Cylinder Zone 5 Temp.	220	°C	

Die Temperature	220	°C
NOTE		

1. Rate A (50°C/h), Loading 2 (50 N)

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Recommended distributors for this material

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