

# Sinelec CCB6101

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

Message:

Sinelec CCB6101 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.  
Important attributes of Sinelec CCB6101 are:  
RoHS Compliant  
Conductive  
Typical application of Sinelec CCB6101: Film

General Information			
Features	Conductive		
Uses	Film		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	1.0 to 5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8.00	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	180	MPa	ASTM D790
Flexural Strength	8.00	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	250	J/m	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
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Cylinder Zone 1 Temp.	120	°C	
Cylinder Zone 2 Temp.	140	°C	
Cylinder Zone 3 Temp.	150	°C	
Cylinder Zone 4 Temp.	150	°C	
Cylinder Zone 5 Temp.	150	°C	

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