

Borlink™ LE7710

Polyethylene
Borealis AG

Message:

Borlink LE7710 is a thermoplastic black polyethylene compound, specially designed for semiconductive screen applications.

General Information			
Additive	Carbon black		
Uses	Wire and cable applications		
Agency Ratings	ISO 1872 E/BA KHX Y 23G200 C40		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Moisture	300	ppm	Karl Fisher
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	11.0	MPa	ISO 527-2/25
Tensile Strain (Break)	200	%	ISO 527-2/50
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strain at Break in Air (135°C, 168 hr)	< 20	%	IEC 60811-401
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity			ISO 3915
23°C	< 1.0E+2	ohms · cm	ISO 3915
90°C	< 1.0E+3	ohms · cm	ISO 3915
Extrusion	Nominal Value	Unit	
Melt Temperature	120 - 185	°C	
Extrusion instructions			

Hopper Drying (4 h): 60°C

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