

ETILINAS BPD 3220

Linear Low Density Polyethylene
POLYETHYLENE MALAYSIA SDN BHD

Message:

ETILINAS BPD 3220 is a LLDPE which is designed for use in silane crosslinking process. It has been developed for LV insulation. It meets the applicable requirements as below when processed using sound extrusion practice and tesing procedure: IEC 6052-1/2; ASTM D1248, Type I, Class A, Cat. 3; ISO 1872/1-PE, KGN, 18-D022.

General Information			
Uses	Low voltage insulation		
	Wire and cable applications		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.4	g/10 min	ISO 1133
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms·cm	ASTM D257
Dielectric Constant (50 Hz)	2.20		ASTM D150
Dissipation Factor (50 Hz)	3.0E-3		ASTM D150
Additional Information			
Tensile Stress at Break, IEC 811-1-1: 22 MPaElongation at Break, IEC 811-1-1: >800%			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	170	°C	
Cylinder Zone 4 Temp.	180	°C	
Cylinder Zone 5 Temp.	200	°C	
Adapter Temperature	210	°C	
Melt Temperature	225 - 235	°C	
Die Temperature	270	°C	
Extrusion instructions			
Head Temperature Profile: 210-220-230°C Screw Cooling: 80°C			

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