

INEOS Wire & Cable BPD2167

Low Density Polyethylene

INEOS Olefins & Polymers Europe

Message:

BPD2167 is an unstabilised low density thermoplastic polyethylene. It is designed for use in "Câble de façade" application and one step silane crosslinking insulation.

A carefully selected carbon black and additives master batch needs to be added to BPD2167 to reach the final "Cable de Façade" formulation. The best performance in terms of homogeneity, aging and anchorage tests is however obtained with the fully formulated black compound BPD8167, to which only the Silane mixture needs to be added.

General Information			
Features	Crosslinkable		
	Low Density		
Uses	Insulation		
	Wire & Cable Applications		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	18.0	MPa	IEC 60811-1-1
Tensile Strain (Break)	> 500	%	IEC 60811-1-1
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength ¹	> 22	kV/mm	ASTM D149
Dielectric Constant (50 Hz)	2.30		ASTM D150
Dissipation Factor (50 Hz)	4.0E-4		ASTM D150
NOTE			
1.	Method A (Short-Time)		

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Recommended distributors for this material

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