

Bashplast Compound SSP-A17 (BP)/CB-B25 (BP)

Polyethylene

Bashplast Ltd.

Message:

Compound for silane crosslinkable cables

SSP-A17 (BP)/CB-B25 (BP) is a moisture-crosslinking polyethylene compound for low voltage insulation. SSP-A17 (BP)/CB-B25 (BP) consists of a silane pregrafted base compound to be used with a catalys masterbatch.

General Information			
Features	Crosslinkable		
	Low Density		
	Low Toxicity		
Uses	Low Voltage Insulation		
	Wire & Cable Applications		
Agency Ratings	IEC 60092-351		
	IEC 60502		
Processing Method	Extrusion		
	Wire & Cable Extrusion		
Physical	Nominal Value	Unit	Test Method
Density			ISO 1183
Masterbatch	1.08	g/cm ³	
Base Resin	0.910	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 14.0	MPa	ISO 527-2
Tensile Strain (Break)	> 350	%	ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Hot Set			IEC 60811-2-1
Elongation under load, 0.20 MPa : 200°C	< 180	%	
Permanent deformation, 0.20 MPa : 200°C	< 15	%	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	1.0E+14	ohms · cm	IEC 60093
Electric Strength	25	kV/mm	IEC 60243-1

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	130	°C
Cylinder Zone 2 Temp.	140	°C
Cylinder Zone 3 Temp.	155	°C
Cylinder Zone 4 Temp.	170	°C
Cylinder Zone 5 Temp.	190	°C

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