

MEGOLON™ FB119

Thermoplastic
AlphaGary

Message:

MEGOLON™ FB119 is a thermoplastic, halogen free, fire retardant cable bedding compound developed to meet BS6724.

APPLICATIONS

Filling and Bedding

General Information			
Features	Flame Retardant		
	Halogen Free		
Uses	Filling Applications		
Agency Ratings	BS 6724		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (150°C/21.6 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 9.00	MPa	IEC 60811-1-1
Tensile Strain (Break)	> 80	%	IEC 60811-1-1
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ISO 4589-2
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0 to 70.0	°C	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	140	°C	
Cylinder Zone 3 Temp.	145	°C	
Cylinder Zone 4 Temp.	150	°C	
Cylinder Zone 5 Temp.	160	°C	
Melt Temperature	165 to 175	°C	
Die Temperature	165	°C	
Draw Down	1.5:1.0		
Extruder Screw Compression Ratio	1.0:1.0 to 2.0:1.0		

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