

Melos™ FM 264

Ethylene Propylene Copolymer

Melos GmbH

Message:

Conductive bedding compound.
For cables and wire with max. 90°C operating temperature at conductor.

General Information			
Features	Conductive		
	Halogen Free		
Uses	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.52	g/cm³	ISO 1183/A
Mooney Viscosity (ML 1+4, 100°C)	35	MU	DIN 53523
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	80		ISO 7619
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (27°C)	< 1.0E+3	ohms · cm	VDE 0472
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	60.0 to 80.0	°C	
Cylinder Zone 2 Temp.	65.0 to 85.0	°C	
Cylinder Zone 3 Temp.	70.0 to 90.0	°C	
Cylinder Zone 4 Temp.	75.0 to 95.0	°C	
Adapter Temperature	80.0 to 100	°C	
Head Temperature	90 to 110	°C	
Extruder Screw L/D Ratio	12.0:1.0 to 25.0:1.0		
Extruder Screw Temperature	40 to 60	°C	
Die Temperature	95.0 to 115	°C	

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