

Melos™ FM 361

Thermoplastic Polyolefin Elastomer

Melos GmbH

Message:

Flame-retardant bedding compound for XLPE insulation and HFFR sheathing.

Bedding compound for cables and wire with max. 90°C operating temperature at conductor.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Uses	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.80	g/cm ³	ISO 1183/A
Mooney Viscosity (ML 1+4, 100°C)	42	MU	DIN 53523
pH	> 4.3		DIN VDE 0472
Temperature Index	330	°C	ISO 4589-3
Conductivity	< 100	µS/cm	
Head Temperature	100 to 120	°C	
Extruder Screw L/D Ratio	12.0:1.0 to 25.0:1.0		
Extruder Screw Temperature	60 to 80	°C	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	75		ISO 7619
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	4.6E+9	ohms	VDE 0472
Volume Resistivity (27°C)	7.2E+10	ohms · cm	VDE 0472
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	80	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	80.0 to 100	°C	
Cylinder Zone 2 Temp.	90.0 to 110	°C	
Cylinder Zone 3 Temp.	90.0 to 110	°C	
Cylinder Zone 4 Temp.	95.0 to 115	°C	
Adapter Temperature	95.0 to 115	°C	
Die Temperature	100 to 120	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

