

# Melos™ FM 1354/1

Ethylene Propylene Copolymer

Melos GmbH

## Message:

Migration stabilised bedding compound for PVC insulation and PVC sheathing.  
Bedding compound for cables and wire with max. 90°C operating temperature at conductor.

General Information			
Features	Halogen Free		
	Low to No Migration		
Uses	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.95	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)	85		ISO 7619
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+9	ohms	VDE 0472
Volume Resistivity (27°C)	> 1.0E+12	ohms · cm	VDE 0472
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	40.0 to 60.0	°C	
Cylinder Zone 2 Temp.	50.0 to 70.0	°C	
Cylinder Zone 3 Temp.	60.0 to 80.0	°C	
Cylinder Zone 4 Temp.	80.0 to 100	°C	
Adapter Temperature	90.0 to 110	°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	90.0 to 110	°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

