Mecoline IS RDX 5235 F

Thermoplastic

Melos GmbH

Message:

Motor lead wires for coil connections, class F motors and transformers, pumps, solenoids, Internal wiring of appliances, sensor wires, flexible battery cables and wire insulation of lovv voltage multicore cables for road vehicles.

Additive Flame Retardant Features Flame Retardant Good Abrasion Resistance Good Abrasion Resistance Good Flexibility Good Abrasion Resistance Halogenated High Heat Resistance Irradiation CrossInkable Low Smoke Emission Low Temperature Flexibility Oil Resistant Uses Appliances Automotive Applications Sale Sale Sale Sale Sale Sale Sale Sale	General Information				
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	Break, -55°C	> 30	%	IEC 811-1-4	
Hot Set ³ IEC 540	Abrasion	150	Cycles		
	Hot Set ³			IEC 540	

Elongation under load	40	%	
Residual elongation	< 10	%	
Head Temperature	145 to 155	°C	
Extruder Screw L/D Ratio	>24.0:1.0		
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms•cm	IEC 60167
Electric Strength	25	kV/mm	EN 60243-1
Dielectric Constant (20°C, 50 Hz)	3.10		IEC 60250
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	4.0	hr	
Cylinder Zone 1 Temp.	130 to 140	°C	
Cylinder Zone 2 Temp.	140 to 150	°C	
Cylinder Zone 3 Temp.	145 to 155	°C	
Cylinder Zone 4 Temp.	145 to 155	°C	
Cylinder Zone 5 Temp.	145 to 155	°C	
Adapter Temperature	145 to 155	°C	
Die Temperature	145 to 155	°C	
NOTE			
1.	Before crosslinking		
2.	Before crosslinking		
3.	at 200°C/15min/0.2 MPa		

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