

Karina BLACK PVC COMPOUND 851-48/1-E-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND CLASS 70C (PVC/F) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND FLEXIBLE CORDS. ALSO SUITABLE FOR EXTRUSION OF NON STANDARD COAXIAL CABLE JACKET.

General Information			
Uses	Cable Jacketing		
	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Black		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.43 to 1.47	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-0.840 to 0.760		ME 12
Color b	-1.42 to 0.180		ME 12
Color L	26.1 to 27.7		ME 12
Maximum Variation of Elongation	< 25	%	IEC 60811-1-2
Maximum Variation of Tensile Strength	< 25	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	84 to 88		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 10.0	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 150	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 10.0	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -15.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	ASTM D257
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 100°C		
3.	Aged in Air for 168 hr at 100°C		
4.	24 hr		

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