

Karina BLACK PVC COMPOUND 751-48/1-B-IS

Polyvinyl Chloride
Karina Ind. e Com. de Plásticos Ltda

Message:
PVC COMPOUND CLASS 70C (ST1) RECOMMENDED FOR ELECTRICAL FLEXIBLE CABLES JACKETING. ALSO SUITABLE FOR INJECTION OF PLUG.

General Information			
Uses	Cable Jacketing		
	Plugs		
	Wire & Cable Applications		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.33 to 1.37	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-0.830 to 0.770		ME 12
Color b	-1.34 to 0.260		ME 12
Color L	26.3 to 27.9		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			NBR 7456
Shore A, 15 sec	73 to 77		
Shore D, 15 sec	18 to 24		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 150	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 3.0E+13	ohms · cm	NBR 5403
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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