

Karina BLACK PVC COMPOUND

807D48/1-D-AC-LF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

LEAD FREE AND FLAME RETARDANT PVC COMPOUND CLASS 70C (ST1) RECOMMENDED FOR JACKETING OF ELECTRICAL FLEXIBLE CABLES AND COAXIAL CABLES. ALSO SUITABLE FOR PLUG INJECTION.

General Information			
Features	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Plugs		
	Wire & Cable Applications		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.42 to 1.48	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.790 to 0.810		ME 12
Color b	-1.39 to 0.210		ME 12
Color L	26.6 to 28.2		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)	78 to 82		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 200	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 200	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -5.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+13	ohms · cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 30	%	NBR 6245
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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