

Karina GRAY PVC COMPOUND

902-18/71-BY-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND RECOMMENDED FOR FI WIRES INSULATION.

General Information			
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.36 to 1.42	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.06 to 1.94		ME 12
Color b	-0.740 to 2.26		ME 12
Color L	57.4 to 60.4		ME 12
Maximum Variation of Elongation	< 40	%	IEC 60811-1-2
Maximum Variation of Tensile Strength	< 20	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 to 92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 130	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 130	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 23	%	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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