

Karina GRAY PVC COMPOUND

880-18/402-F-AC-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE FLAME RETARDANT PVC COMPOUND CLASS 70C (PVC/A) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND CABLES (BWF).

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.46 to 1.52	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.97 to 1.03		ME 12
Color b	-4.10 to -1.10		ME 12
Color L	62.6 to 65.6		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)	86 to 90		NBR 7456
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	> 1.0E+14	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		

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