

Karina GRAY PVC COMPOUND

105900-18/121-B-ACE

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

ECONOMIC FLAME RETARDANT PVC COMPOUND CLASS 105C (PVC/EB) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES FOR ELECTRICAL EQUIPAMENTS.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.34 to 1.40	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-2.62 to 0.380		ME 12
Color b	-3.74 to -0.740		ME 12
Color L	48.6 to 51.6		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)	84 to 88		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	> 30	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 136°C		
3.	Aged in Air for 168 hr at 136°C		

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