

Karina BLACK PVC COMPOUND

105750-48/1-B-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

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

General Information			
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.30 to 1.34	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-0.990 to 0.610		ME 12
Color b	-1.45 to 0.150		ME 12
Color L	27.2 to 28.8		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	73 to 77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 13.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 200	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 0.00	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 0.0	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms·cm	ASTM D257
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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