

Karina NATURAL PVC COMPOUND 70900-25/1-E-IS-LMP

Polyvinyl Chloride
Karina Ind. e Com. de Plásticos Ltda

Message:
HEAVY METAL FREE PVC COMPOUND CLASS 70C (PVC/A) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND CABLES (BW).

General Information			
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.45 to 1.51	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	0.170 to 6.17		ME 12
Color b	15.2 to 21.2		ME 12
Color L	74.8 to 80.8		ME 12
Maximum Variation	< 25	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90 to 94		ASTM D2240
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	> 3.0E+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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