

Karina IVORY PVC COMPOUND

105900-35/1-B-ISE

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

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

General Information			
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.34 to 1.40	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-2.15 to 0.850		ME 12
Color b	4.68 to 7.68		ME 12
Color L	88.9 to 91.9		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)	90 to 94		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
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -18.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms·cm	NBR 5403
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 136°C		
3.	Aged in Air for 168 hr at 136°C		
4.	24 hr		

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