

# Karina GREEN PVC COMPOUND

## 902-40/485-IS (\*)

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

### Message:

PVC COMPOUND RECOMMENDED LIKE EXTERNAL COVERING (SKIN) OF NON PIGMENTED ELECTRICAL WIRE INSULATIONS. MINIMUM THICKNESS SUGGESTED IS 0,2MM.

General Information			
Uses	Electronic Insulation Wire & Cable Applications		
Appearance	Green		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	1.28 to 1.32	g/cm <sup>3</sup>	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-46.0 to -40.0		ME 12
Color b	24.3 to 30.3		ME 12
Color L	62.1 to 68.1		ME 12
Maximum Variation	< 25	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 to 92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 250	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation <sup>3</sup> (Break)	> 200	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -26.4	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>4</sup>	> 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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Recommended distributors for this material

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