

Karina WHITE PVC COMPOUND 902-10/21-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 TICKNESS SUGGESTED IS 0,2MM.

General Information			
Uses	Wire and cable applications		
	Electronic insulation		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.28 - 1.32	g/cm ³	IEC 60811-1-3
Color a	-2.08 - 0.920		ME 12
Color b	1.25 - 4.25		ME 12
Color L	91.4 - 94.4		ME 12
Color	0.00OK		ME 12
Maximum Variation of Elongation		%	IEC 60811-1-2
Maximum Variation of Tensile Strength		%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 - 92		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
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -26.4	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	ASTM D257
NOTE			
1.	24 hr		
2.	Aging Air 168 hr at 100°C		
3.	Aging air 168 hr at 100°C		
4.	24 hr		

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