

Karina IVORY PVC COMPOUND 951-35/4-IS-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND WITH HIGH ELECTRICAL INSULATION RESISTANCE RECOMMENDED FOR INSULATION OF CI AND CCI CABLES.

General Information			
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.29 to 1.35	g/cm ³	ASTM D792
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Color	OK		ME 12
Color a	-1.73 to 1.27		ME 12
Color b	7.91 to 10.9		ME 12
Color L	86.9 to 89.9		ME 12
Mercury Content	< 100	ppm	IEC 62321
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	IEC 62321
Maximum Variation of Elongation	< 40	%	NBR 9148
Maximum Variation of Tensile Strength	< 20	%	NBR 9148
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec	92 to 96		
Shore D	61 to 65		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 12.6	MPa	NBR 9141
Tensile Elongation (Yield)	> 130	%	NBR 9141
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	NBR 9148
Tensile Elongation ³ (Break)	> 130	%	NBR 9148
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 6.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 23	%	NBR 6245

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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