

Karina IVORY PVC COMPOUND

937-35/1-B-IS-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND RECOMMENDED FOR THIN WALL INSULATION OF AUTOMOTIVE ELECTRICAL WIRES FOR WORKING AT THE TEMPERATURE RANGE OF - 40C TO 105C.

General Information			
Uses	Automotive Applications		
	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.36 to 1.42	g/cm ³	IEC 60811-1-3
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Color	OK		ME 12
Color a	-1.65 to 1.35		ME 12
Color b	5.74 to 8.74		ME 12
Color L	89.0 to 92.0		ME 12
Mercury Content	< 100	ppm	IEC 62321
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	IEC 62321
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	91 to 95		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 18.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 200	%	IEC 60811-1-1
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -21.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ²	> 1.0E+14	ohms·cm	NBR 5403
NOTE			
1.	24 hr		
2.	24 hr		

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