

Karina IVORY PVC COMPOUND

901-35/1-CR-AC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETARDANT PVC COMPOUND RECOMMENDED FOR THIN WALL INSULATION OF AUTOMOTIVE ELECTRICAL WIRES FOR WORKING AT THE TEMPERATURE RANGE OF - 20C TO 105C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Automotive Applications		
	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.43 to 1.47	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-2.82 to 0.180		ME 12
Color b	3.50 to 6.50		ME 12
Color L	91.0 to 94.0		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)	> 130	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 130	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 2.0E+13	ohms·cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 26	%	NBR 6245
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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