

Karina NATURAL PVC COMPOUND 901-25/ 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	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.40 to 1.46	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.300 to 2.70		ME 12
Color b	5.35 to 8.35		ME 12
Color L	85.9 to 88.9		ME 12
Maximum Variation	< 25	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	89 to 93		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 14.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 250	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 14.7	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 200	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 30	%	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		

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