

Karina PVC COMPOUND - IVORY E-105900-35/1-B-AC-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND 105 C (ANTI-FLAME AND HEAVY METAL FREE) RECOMMENDED FOR ISOLATION AND COVERING ELECTRICAL WIRES FOR INTERNAL ELECTRICAL EQUIPAMENTS.

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Uses	Wire and cable applications		
	Electronic insulation		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.35 - 1.41	g/cm ³	IEC 60811-1-3
Cadmium Content		ppm	ASTM D1971
Chromium Content		ppm	ASTM D1971
Color a	-1.83 - 1.17		ME 12
Color b	3.99 - 6.99		ME 12
Color L	89.3 - 92.3		ME 12
Mercury Content		ppm	ASTM D1971
Color	OK		ME 12
Bromine Content		ppm	IEC 62321
Maximum Variation of Elongation		%	IEC 60811-1-2
Maximum Variation of Tensile Strength		%	IEC 60811-1-2
Lead content		ppm	ASTM D1971
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 - 92		NBR 7456
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
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method

Oxygen Index	> 30	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aging Air 168 hr at 136°C		
3.	Aging air 168 hr at 136°C		
4.	24 hr		

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