

Karina IVORY PVC COMPOUND -E 70900-35/ 1-E-AC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETARDANT PVC COMPOUND CLASS 70C (PVC/A) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND CABLES (BWF).

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.46 to 1.50	g/cm ³	ASTM D792
Color	0.00OK		ME 12
Color a	-2.62 to 3.38		ME 12
Color b	2.51 to 8.51		ME 12
Color L	85.8 to 91.8		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)	88 to 92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 12.6	MPa	ASTM D638
Tensile Elongation (Yield)	> 150	%	ASTM D638
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	> 3.0E+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		
4.	24 hr		

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