

Karina IVORY PVC COMPOUND 951-35/4-AC

Polyvinyl Chloride
Karina Ind. e Com. de Plásticos Ltda

Message:
FLAME RETARDANT PVC COMPOUND WITH HIGH ELECTRICAL INSULATION RESISTANCE RECOMMENDED FOR INSULATION OF CI AND CCI CABLES.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.36 to 1.40	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-1.53 to 1.47		ME 12
Color b	1.45 to 4.45		ME 12
Color L	92.3 to 95.3		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	92 to 96		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	> 6.0E+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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