

# Karina IVORY PVC COMPOUND 800-35/1-AYR-AC-LF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

LEAD FREE, FLAME RETARDANT PVC COMPOUND RECOMMENDED FOR JACKETING OF AUTOMOTIVE ELECTRICAL WIRES FOR WORKING AT THE TEMPERATURE RANGE OF - 40C TO 105C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	1.27 to 1.33	g/cm <sup>3</sup>	ASTM D792
Color	OK		ME 12
Color a	-1.96 to 1.04		ME 12
Color b	0.700 to 3.70		ME 12
Color L	91.8 to 94.8		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80 to 84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 16.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 250	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>2</sup>	> 3.0E+12	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 28	%	ASTM D2863
NOTE			
1.	24 hr		
2.	24 hr		

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