

Karina IVORY PVC COMPOUND 900-35/ 1-AYR-AC-LF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETARDANT AND HEAVY METAL FREE PVC COMPOUND RECOMMENDED FOR INSULATION OF AUTOMOTIVE ELECTRICAL CABLES FOR WORKING AT THE TEMPERATURE RANGE OF - 40C TO 105C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.27 to 1.33	g/cm ³	ASTM D792
Color	OK		ME 12
Color a	-1.87 to 1.13		ME 12
Color b	0.690 to 3.69		ME 12
Color L	92.6 to 95.6		ME 12
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	> 14.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 250	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ²	> 1.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	> 28	%	ASTM D2863
NOTE			
1.	24 hr		
2.	24 hr		

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