

# Karina IVORY PVC COMPOUND -E 105440-35/1-Y-IS-SD-LM

Polyvinyl Chloride  
Karina Ind. e Com. de Plásticos Ltda

Message:  
HEAVY METAL FREE PVC COMPOUND RECOMMENDED FOR THIN WALL INSULATION OF AUTOMOTIVE ELECTRICAL WIRES FOR WORKING AT THE TEMPERATURE RANGE OF - 40C TO 105C.

General Information			
Uses	Automotive Applications		
	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	1.31 to 1.37	g/cm³	ASTM D792
Color	OK		ME 12
Color a	-1.09 to 1.91		ME 12
Color b	10.4 to 13.4		ME 12
Color L	85.9 to 88.9		ME 12
Thermal Stability	> 1	hr	ASTM D2115
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	42 to 46		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 19.6	MPa	ASTM D638
Tensile Elongation (Yield)	> 200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -30.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>2</sup>	> 3.0E+14	ohms · cm	ASTM D257
NOTE			
1.	24 hr		
2.	24 hr		

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