

Karina IVORY PVC COMPOUND

105471-35/1-Y-IS-SD

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

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 ¹	1.31 to 1.37	g/cm ³	ASTM D792
Color	OK		ME 12
Color a	-1.10 to 1.90		ME 12
Color b	5.94 to 8.94		ME 12
Color L	88.1 to 91.1		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	45 to 49		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 19.6	MPa	ASTM D638
Tensile Elongation (Yield)	> 250	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ²	> 3.0E+14	ohms·cm	ASTM D257
NOTE			
1.	24 hr		
2.	24 hr		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

