

Karina IVORY PVC COMPOUND 800-35/2-BR-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

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

General Information			
Uses	Automotive Applications Cable Jacketing		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.33 to 1.37	g/cm ³	ASTM D792
Color	0.00OK		ME 12
Color a	-1.84 to 1.16		ME 12
Color b	2.28 to 5.28		ME 12
Color L	90.1 to 93.1		ME 12
Maximum Variation of Elongation	< 25	%	IEC 60811-1-2
Maximum Variation of Tensile Strength	< 25	%	IEC 60811-1-2
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	> 14.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 200	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 14.7	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 200	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 3.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 26	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 136°C		
3.	Aged in Air for 168 hr at 136°C		
4.	24 hr		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

