

Karina IVORY PVC COMPOUND 75930-35/ 1-F-AC-LF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

LEAD FREE PVC COMPOUND WITH HIGH OXIGEN INDEX RECOMMENDED FOR JACKETING OF CABLES TYPE CM AND CMR.

General Information			
Features	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.51 to 1.57	g/cm ³	ASTM D792
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Color	OK		ME 12
Color a	-0.510 to 2.49		ME 12
Color b	5.58 to 8.58		ME 12
Color L	87.5 to 90.5		ME 12
Mercury Content	< 100	ppm	IEC 62321
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	IEC 62321
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86 to 90		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	ASTM D638
Tensile Elongation ³ (Break)	> 150	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -5.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 38	%	ASTM D2863
NOTE			

1.	24 hr
2.	Aged in Air for 240 hr at 100°C
3.	Aged in Air for 240 hr at 100°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

