

Karina IVORY PVC COMPOUND

750-35/1-B-AC-AS-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE, WEATHER RESISTANT AND FLAME RETARDANT PVC COMPOUND RECOMMENDED FOR EXTRUSION OF COAXIAL CABLES JACKETS FOR INDOOR APPLICATIONS.

General Information			
Features	Flame Retardant		
	Good Weather Resistance		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Ivory		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.41 to 1.47	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.31 to 1.69		ME 12
Color b	4.65 to 7.65		ME 12
Color L	88.1 to 91.1		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)	78 to 82		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 12.6	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 130	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 130	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -40.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+13	ohms · cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 32	%	NBR 6245

NOTE

1.	24 hr
2.	Aged in Air for 168 hr at 100°C
3.	Aged in Air for 168 hr at 100°C
4.	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

