

Karina IVORY PVC COMPOUND 807D35/ 1-C-IS-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND CLASS 70C (ST1) RECOMMENDED FOR ELECTRICAL FLEXIBLE CABLES JACKETING. ALSO SUITABLE FOR INJECTION OF PLUG AND IN ACCORDANCE TO ROHS.

General Information			
Uses	Cable Jacketing		
	Reflectors		
	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Ivory		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.33 to 1.39	g/cm ³	IEC 60811-1-3
Cadmium Content	< 50	ppm	IEC 62321
Chromium Content	< 100	ppm	IEC 62321
Color	OK		ME 12
Color a	-1.70 to 1.30		ME 12
Color b	6.32 to 9.32		ME 12
Color L	87.8 to 90.8		ME 12
Mercury Content	< 100	ppm	IEC 62321
Bromine Content	< 100	ppm	IEC 62321
Lead Content	< 100	ppm	IEC 62321
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)	> 150	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+13	ohms · cm	NBR 5403

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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