

Karina IVORY PVC COMPOUND 75910-35/ 2-DY-AC-LF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

LEAD FREE PVC COMPOUND RECOMMENDED FOR COAXIAL CABLE JACKETING. ALSO RECOMMENDED FOR CLASS 75C ENERGY CABLE JACKETING.

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	1.42 to 1.48	g/cm ³	ASTM D792
Color	OK		ME 12
Color a	-1.86 to 1.14		ME 12
Color b	1.67 to 4.67		ME 12
Color L	91.0 to 94.0		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	89 to 93		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 17.3	MPa	IEC 60811-1-1
Tensile Elongation (Yield)	> 240	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 17.3	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 180	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -15.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 5.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 31	%	ASTM D2863
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 121°C		
3.	Aged in Air for 168 hr at 121°C		
4.	24 hr		

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