

Karina BLACK PVC COMPOUND

105800-48/1-B-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND CLASS 105C (ST10) RECOMMENDED FOR JACKET OF ELECTRICAL CABLES.

General Information			
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.29 to 1.35	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.960 to 0.640		ME 12
Color b	-0.960 to 0.640		ME 12
Color L	26.8 to 28.4		ME 12
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	> 12.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 200	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.7	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 200	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms·cm	NBR 5403
NOTE			
1.	24 hr		
2.	Aged in Air for 240 hr at 135°C		
3.	Aged in Air for 240 hr at 135°C		
4.	24 hr		

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