

Karina BLACK PVC COMPOUND 105751-48/ 1-B-AC-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE AND FLAME RETARDANT PVC COMPOUND CLASS 105C (ST10) RECOMMENDED FOR JACKET OF ELECTRICAL CABLES.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.42 to 1.48	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.810 to 0.790		ME 12
Color b	-1.38 to 0.220		ME 12
Color L	27.0 to 28.6		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)	80 to 84		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
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 28	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 136°C		
3.	Aged in Air for 168 hr at 136°C		

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