

Karina BLACK PVC COMPOUND 75930-48/ 1-F-AC-LF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

LEAD FREE PVC COMPOUND WITH HIGH OXIGEN INDEX RECOMMENDED FOR JACKETING OF CABLES TYPE CM AND CMR.

General Information			
Features	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.51 to 1.57	g/cm ³	ASTM D792
Color	OK		ME 12
Color a	-1.68 to -0.0800		ME 12
Color b	-2.67 to -1.07		ME 12
Color L	51.9 to 53.5		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86 to 90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 14.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 200	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 14.7	MPa	ASTM D638
Tensile Elongation ³ (Break)	> 150	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -5.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 38	%	ASTM D2863
NOTE			
1.	24 hr		
2.	Aged in Air for 240 hr at 100°C		
3.	Aged in Air for 240 hr at 100°C		
4.	24 hr		

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