

Karina BLACK PVC COMP. 809D48/ 1-C-AC-AS-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE / FLAME-RETARDANT AND HIGH SOLIDITY TO LIGHTNESS / RECOMMENDED FOR EXTRUSION OF COAXIAL COATING AND ALSO FOR FLEXIBLE AUTOMOTIVE TUBES WORKING FROM -40C UNTIL +80C.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Automotive Applications		
	Tubing		
	Wire & Cable Applications		
Appearance	Black		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.33 to 1.39	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.750 to 0.850		ME 12
Color b	-0.970 to 0.630		ME 12
Color L	25.5 to 27.1		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)	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
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -40.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+13	ohms · cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 28	%	NBR 6245

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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