

# Karina BLACK PVC COMPOUND 751-48/1-BYR-IS (\*)

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

## Message:

PVC COMPOUND CLASS 70C (ST1) FLEXIBLE AT LOW TEMPERATURES RECOMMENDED FOR ELECTRICAL FLEXIBLE CABLES JACKETING AND COAXIAL CABLES JACKETING. ALSO SUITABLE FOR AUTOMOTIVE CABLES JACKETING CLASS +105C/-40C (WHEN NOT REQUIRED TO BE LEAD FREE).

General Information			
Features	Low Temperature Flexibility		
Uses	Automotive Applications		
	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	1.27 to 1.33	g/cm <sup>3</sup>	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.820 to 0.780		ME 12
Color b	-1.37 to 0.230		ME 12
Color L	25.8 to 27.4		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	73 to 77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 14.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 300	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	> 14.7	MPa	IEC 60811-1-2
Tensile Elongation <sup>3</sup> (Break)	> 250	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -45.0	°C	ASTM D746
NOTE			
1.	24 hr		
2.	Aged in Air for 240 hr at 135°C		
3.	Aged in Air for 240 hr at 135°C		

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