

Karina BLACK PVC COMPOUND 920D48/4-B-IS

Polyvinyl Chloride
Karina Ind. e Com. de Plásticos Ltda

Message:
Karina BLACK PVC COMPOUND 920D48/ 4-B-IS is a Polyvinyl Chloride product. It is available in Latin America.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.36 to 1.42	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-0.910 to 0.690		ME 12
Color b	-1.57 to 0.0300		ME 12
Color L	27.6 to 29.2		ME 12
Maximum Variation of Elongation	< 40	%	NBR 9148
Maximum Variation of Tensile Strength	< 20	%	NBR 9148
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90 to 94		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 12.6	MPa	NBR 9141
Tensile Elongation (Yield)	> 130	%	NBR 9141
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 12.6	MPa	NBR 9148
Tensile Elongation ³ (Break)	> 130	%	NBR 9148
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -5.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 9.0E+14	ohms·cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 23	%	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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