

Karina BLACK PVC COMPOUND

90901-48/1-D-AC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND CLASS 90C, FLAME RETARDANT, FLEXIBLE AT -30C AND WEATHER RESISTANT.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Weather Resistance		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.39 to 1.45	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.48 to 1.52		ME 12
Color b	-1.88 to 1.12		ME 12
Color L	25.8 to 28.8		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)	88 to 92		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 12.6	MPa	ASTM D638
Tensile Elongation (Yield)	> 130	%	ASTM D638
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
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -15.0	°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	> 30	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 121°C		
3.	Aged in Air for 168 hr at 121°C		

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