

Karina GRAY PVC COMPOUND

900-18/121-AYR-AC (*)

Polyvinyl Chloride
Karina Ind. e Com. de Plásticos Ltda

Message:
FLAME RETARDANT PVC COMPOUND.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.27 to 1.33	g/cm³	IEC 60811-1-3
Color	OK		ME 12
Color a	-2.19 to 0.810		ME 12
Color b	-3.30 to -0.300		ME 12
Color L	48.4 to 51.4		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
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms·cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 30	%	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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