

Karina GRAY PVC COMPOUND

853-18/323-DY-AC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETATRDANT PVC COMPOUND CLASS 70C (PVC/F AND PVC/A) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND FLEXIBLE CORDS. ALSO SUITABLE FOR EXTRUSION OF NON STANDARD COAXIAL CABLE JACKET.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.40 to 1.46	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-3.62 to -0.620		ME 12
Color b	0.420 to 3.42		ME 12
Color L	69.4 to 72.4		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)	86 to 90		ASTM D2240
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
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 2.0E+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 100°C		
3.	Aged in Air for 168 hr at 100°C		

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