

# Karina GRAY PVC COMPOUND

## 853-18/190-D-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

### Message:

PVC COMPOUND CLASS 70C (PVC/F AND ST1) RECOMMENDED FOR INSULATION AND JACKETING OF ELECTRICAL FLEXIBLE WIRES AND CABLES. ALSO RECOMMENDED FOR EXTRUSION OF NON STANDARD COAXIAL CABLES JACKETING.

General Information			
Uses	Cable Jacketing		
	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Grey		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	1.41 to 1.45	g/cm <sup>3</sup>	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-1.76 to 1.24		ME 12
Color b	-2.71 to 0.290		ME 12
Color L	51.6 to 54.6		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)	83 to 87		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 <sup>2</sup>	> 12.6	MPa	IEC 60811-1-2
Tensile Elongation <sup>3</sup> (Break)	> 150	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>4</sup>	> 6.0E+13	ohms·cm	ASTM D257
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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

