

Karina IVORY PVC COMPOUND 853-35/ 1-DY-AC-EC

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND CLASS 70C (PVC/F), RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND FLEXIBLE CORDS. ALSO RECOMMENDED FOR EXTRUSION OF COAXIAL CABLES JACKET.

General Information			
Uses	Cable Jacketing		
	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.40 to 1.46	g/cm ³	IEC 60811-1-3
Color	0.00OK		ME 12
Color a	-1.61 to 1.39		ME 12
Color b	5.81 to 8.81		ME 12
Color L	86.8 to 89.8		ME 12
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	> 14.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 200	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 0.00	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 0.0	%	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		
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

