

Karina IVORY PVC COMPOUND 75930-35/ 1-F-AC (***)

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND WITH HIGH OXYGEN INDEX RECOMMENDED FOR CABLES TYPE CM AND CMR.

General Information			
Uses	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.51 to 1.57	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	0.0500 to 3.05		ME 12
Color b	4.90 to 7.90		ME 12
Color L	88.0 to 91.0		ME 12
Maximum Variation of Elongation	< 55	%	IEC 60811-1-2
Maximum Variation of Tensile Strength	< 30	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86 to 90		NBR 7456
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	> 14.7	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 200	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -5.00	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 1.0E+14	ohms·cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 38	%	NBR 6245
NOTE			
1.	24 hr		
2.	Aged in Air for 240 hr at 100°C		
3.	Aged in Air for 240 hr at 100°C		
4.	24 hr		

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