

# Karina IVORY PVC COMPOUND 75920-35/ 1-DY-AC (\*\*\*)

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

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

General Information			
Features	Low Smoke Emission		
Uses	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	1.55 to 1.61	g/cm <sup>3</sup>	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.62 to 1.38		ME 12
Color b	2.43 to 5.43		ME 12
Color L	84.4 to 87.4		ME 12
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	88 to 92		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 15.7	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 250	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	> 17.7	MPa	IEC 60811-1-2
Tensile Elongation <sup>3</sup> (Break)	> 200	%	IEC 60811-1-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity <sup>4</sup>	> 1.0E+14	ohms·cm	NBR 5403
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	> 42	%	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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