

## Karina 951-35/4-IS-LMP Ivory PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Heavy metal free PVC compound with high electrical insulation resistance. Recommended for insulation of CI and CCI cables. Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Karina-951-354-IS-LMP-Ivory-PVC-Compound.php](http://www.lookpolymers.com/polymer_Karina-951-354-IS-LMP-Ivory-PVC-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 - 1.35 g/cc	1.29 - 1.35 g/cc	ASTM D 792
ASTM Color	-1.73 - 1.27	-1.73 - 1.27	Color A, ME 12
	7.91 - 10.91	7.91 - 10.91	Color B, ME 12
	86.9 - 89.9	86.9 - 89.9	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92 - 96 @Time 15.0 sec	92 - 96 @Time 0.00417 hour	ASTM D 2240
Hardness, Shore D	61 - 65 @Time 15.0 sec	61 - 65 @Time 0.00417 hour	ASTM 2240
Tensile Strength	>= 12.6 MPa	>= 1820 psi	NBR NM-IEC 60811-1-1
	>= 12.6 MPa	>= 1820 psi	After 168 H in Air Oven at 100°C; NBR NM-IEC 60811-1-2
Elongation at Break	>= 125 %	>= 125 %	NBR NM-IEC 60811-1-1
	>= 125 %	>= 125 %	After 168H in Air Oven at 100°C; NBR NM-IEC 60811-1-2

Thermal Properties	Metric	English	Comments
Oxygen Index	>= 23 %	>= 23 %	NBR 6245

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	<= 0.0050 %	<= 0.0050 %	IEC 62321
Chromium, Cr	<= 0.010 %	<= 0.010 %	IEC 62321
Lead, Pb	<= 0.010 %	<= 0.010 %	IEC 62321
Mercury, Hg	<= 0.010 %	<= 0.010 %	IEC 62321

Component Elements Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Volume Resistivity	$\geq 6.00 \times 10^{14}$ ohm-cm	$\geq 6.00 \times 10^{14}$ ohm-cm	ASTM D 257

Descriptive Properties	Value	Comments
Application	CI/CCI	
Bromine, Br (%)	< 0.01	IEC 62321
Maximum Variation of Elongation (%)	40	NBR NM-IEC 60811-1-2
Maximum Variation of Tensile Strength (%)	20	NBR NM-IEC 60811-1-2

## Contact Songhan Plastic Technology Co.,Ltd.

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