

## Karina 802D35/1-E-AC-LF Ivory PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

**Material Notes:**

Heavy metal free and flame retardant PVC compound, recommended for coaxial cables jackets. Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Karina-802D351-E-AC-LF-Ivory-PVC-Compound.php](http://www.lookpolymers.com/polymer_Karina-802D351-E-AC-LF-Ivory-PVC-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 - 1.44 g/cc	1.38 - 1.44 g/cc	NBR NM-IEC 60811-1-3
ASTM Color	-1.96 - 1.04	-1.96 - 1.04	Color A, ME 12
	0.89 - 3.89	0.89 - 3.89	Color B, ME 12
	90.14 - 93.14	90.14 - 93.14	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78 - 82	78 - 82	NBR 7456
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	>= 11.8 MPa	>= 1710 psi	After 168 H in Air Oven at 100°C; NBR NM-IEC 60811-1-2
	>= 12.7 MPa	>= 1850 psi	NBR NM-IEC 60811-1-1
Elongation at Break	>= 200 %	>= 200 %	After 168H in Air Oven at 100°C; NBR NM-IEC 60811-1-2
	>= 250 %	>= 250 %	NBR NM-IEC 60811-1-1

Thermal Properties	Metric	English	Comments
Oxygen Index	>= 30 %	>= 30 %	NBR 6245

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	ASTM D 257

Descriptive Properties	Value	Comments
Application	Coaxial	

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