

Karina E 105852-35/1-A-IS-L Ivory PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

PVC compound recommended for extrusion of wires THHN and THWN. Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Karina-E-105852-351-A-IS-L-Ivory-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 - 1.37 g/cc	1.31 - 1.37 g/cc	NBR NM-IEC 60811-1-3

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83 - 87	83 - 87	NBR 7456
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	>= 13.8 MPa	>= 2010 psi	NBR NM-IEC 60811-1-1
	>= 13.8 MPa	>= 2010 psi	After 168 H in Air Oven at 136°C; NBR NM-IEC 60811-1-2
Elongation at Break	>= 150 %	>= 150 %	NBR NM-IEC 60811-1-1
	>= 150 %	>= 150 %	After 168H in Air Oven at 136°C; NBR NM-IEC 60811-1-2

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+14 ohm-cm	>= 1.00e+14 ohm-cm	NBR 5403

Descriptive Properties	Value	Comments
Application	105 Grades	
	80 Grades	
Maximum Variation of Elongation (%)	25	NBR NM-IEC 60811-1-2
Maximum Variation of Tensile Strength (%)	25	NBR NM-IEC 60811-1-2

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