

Karina 70911-35/1-HY-AC Ivory PVC Compound

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

Material Notes:

Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Karina-70911-351-HY-AC-Ivory-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.52 - 1.58 g/cc	1.52 - 1.58 g/cc	NBR NM-IEC 60811-1-3
ASTM Color	-1.40 - 1.6	-1.40 - 1.6	Color A, ME 12
	5.29 - 8.29	5.29 - 8.29	Color B, ME 12
	87.16 - 90.16	87.16 - 90.16	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88 - 92	88 - 92	NBR 7456
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	>= 10.0 MPa	>= 1450 psi	NBR NM-IEC 60811-1-1
	>= 10.0 MPa	>= 1450 psi	After 168 H in Air Oven at 100Â°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 100Â°C; NBR NM-IEC 60811-1-2

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

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+14 ohm-cm	>= 1.00e+14 ohm-cm	ASTM D 257

Descriptive Properties	Value	Comments
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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