

Karina 905-32/170-CY-AC Orange PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Weather resistant and flame retardant PVC compound, class 70C
Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Karina-905-32170-CY-AC-Orange-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 - 1.49 g/cc	1.43 - 1.49 g/cc	NBR NM-IEC 60811-1-3
ASTM Color	22.67 - 25.67	22.67 - 25.67	Color A, ME 12
	40.13 - 43.13	40.13 - 43.13	Color B, ME 12
	73.97 - 76.97	73.97 - 76.97	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88 - 92	88 - 92	ASTM D 2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	>= 17.7 MPa	>= 2560 psi	NBR NM-IEC 60811-1-1
Elongation at Break	>= 150 %	>= 150 %	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+14 ohm-cm	>= 1.00e+14 ohm-cm	ASTM D 257

Descriptive Properties	Value	Comments
Application	-40 Grades/+105 Grades	
	70 Grades	

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