

Karina 909D48/1-C-IS-LMP Black PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Extruded

Material Notes:

Heavy metal free PVC compound, flexible at low temperatures, recommended for automotive wires and cables recovering. Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Karina-909D481-C-IS-LMP-Black-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 - 1.39 g/cc	1.33 - 1.39 g/cc	ASTM D 792
ASTM Color	-1.15 - 0.45	-1.15 - 0.45	Color B, ME 12
	-0.810 - 0.79	-0.810 - 0.79	Color A, ME 12
	25.54 - 27.14	25.54 - 27.14	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88 - 92 @Time 15.0 sec	88 - 92 @Time 0.00417 hour	ASTM D 2240
Tensile Strength	>= 12.7 MPa	>= 1850 psi	ASTM D 638
Elongation at Break	>= 200 %	>= 200 %	ASTM D 638

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	<= 0.0050 %	<= 0.0050 %	ASTM D 1971
Chromium, Cr	<= 0.010 %	<= 0.010 %	ASTM D 1971
Lead, Pb	<= 0.010 %	<= 0.010 %	ASTM D 1971
Mercury, Hg	<= 0.010 %	<= 0.010 %	ASTM D 1971

Descriptive Properties	Value	Comments
Application	General Purpose Hoses	
Bromine, Br (%)	< 0.01	IEC 62321

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