

Karina 500D48/1-A-IS-BZ Black PVC Compound

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

Material Notes:

Heavy metal free PVC compound recommended for injection of automotive parts. Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Karina-500D481-A-IS-BZ-Black-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 - 1.21 g/cc	1.17 - 1.21 g/cc	ASTM D 792
ASTM Color	-1.46 - 0.14	-1.46 - 0.14	Color B, ME 12
	-0.850 - 0.75	-0.850 - 0.75	Color A, ME 12
	25.11 - 26.71	25.11 - 26.71	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	48 - 52 @Time 15.0 sec	48 - 52 @Time 0.00417 hour	ASTM D 2240
Tensile Strength	>= 6.86 MPa	>= 996 psi	ASTM D 638
Elongation at Break	>= 300 %	>= 300 %	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	Automotive	
Bromine, Br (%)	< 0.01	IEC 62321

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