

## Karina 550D48/1-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-550D481-A-IS-BZ-Black-PVC-Compound.php](http://www.lookpolymers.com/polymer_Karina-550D481-A-IS-BZ-Black-PVC-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 - 1.24 g/cc	1.20 - 1.24 g/cc	ASTM D 792
ASTM Color	-1.26 - 0.34	-1.26 - 0.34	Color B, ME 12
	-0.880 - 0.72	-0.880 - 0.72	Color A, ME 12
	25.28 - 26.88	25.28 - 26.88	Color L, ME 12

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53 - 57 @Time 15.0 sec	53 - 57 @Time 0.00417 hour	ASTM D 2240
Tensile Strength	>= 7.85 MPa	>= 1140 psi	ASTM D 638
Elongation at Break	>= 200 %	>= 200 %	ASTM D 638

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	<= 0.0050 %	<= 0.0050 %	IEC 62321
Chromium, Cr	<= 0.010 %	<= 0.010 %	IEC 62321
Lead, Pb	<= 0.010 %	<= 0.010 %	IEC 62321
Mercury, Hg	<= 0.010 %	<= 0.010 %	IEC 62321

Descriptive Properties	Value	Comments
Application	Automotive	
Bromine, Br (%)	< 0.01	IEC 62321

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