

Karina 650D48/1-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-650D481-A-IS-BZ-Black-PVC-Compound.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------|----------------|
| Specific Gravity | 1.21 - 1.25 g/cc | 1.21 - 1.25 g/cc | ASTM D 792 |
| ASTM Color | -1.33 - 0.27 | -1.33 - 0.27 | Color B, ME 12 |
| | -0.850 - 0.75 | -0.850 - 0.75 | Color A, ME 12 |
| | 24.99 - 26.59 | 24.99 - 26.59 | Color L, ME 12 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|---------------------------|-------------------------------|-------------|
| Hardness, Shore A | 63 - 67 @Time 15.0 sec | 63 - 67 @Time 0.00417 hour | ASTM D 2240 |
| Tensile Strength | >= 7.85 MPa | >= 1140 psi | ASTM D 638 |
| Elongation at Break | >= 300 % | >= 300 % | 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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