



CANUCK  
COMPOUNDERS  
INC.

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## **BK 3-7-6**

### **Automotive Grade Black Copolymer Polypropylene**

#### **GENERAL**

|                 |                    |
|-----------------|--------------------|
| Material Status | Commercial: Active |
| Availability    | North America      |
| Forms           | Pellets            |

#### **PHYSICAL**

| <b>Property (Condition)</b>       | <b>Value Unit</b>       | <b>Method</b> |
|-----------------------------------|-------------------------|---------------|
| Melt Flow Rate (230 °C / 2.16 kg) | 20.0 g/10 min           | ASTM D1238    |
| Shrinkage                         | 1.20%                   | ASTM D955     |
| Density                           | 0.935 g/cm <sup>3</sup> | ASTM D792     |

#### **MECHANICAL**

| <b>Property (Condition)</b>      | <b>Value Unit</b> | <b>Method</b> |
|----------------------------------|-------------------|---------------|
| Tensile Strength @ Yield (23 °C) | 18 Mpa            | ISO 527       |
| Flexural Modulus (23 °C)         | 850 Mpa           | ISO 178       |

#### **THERMAL**

| <b>Property (Condition)</b> | <b>Value Unit</b> | <b>Method</b> |
|-----------------------------|-------------------|---------------|
| HDT @.455 Mpa               | 60°C              | ISO 75        |

#### **IMPACT**

| <b>Property (Condition)</b> | <b>Value Unit</b>    | <b>Method</b> |
|-----------------------------|----------------------|---------------|
| Notched Izod Impact (23 °C) | 20 kJ/m <sup>2</sup> | ISO 180A      |
| Gardner Impact (23°C)       | 260 in-lbs min.      | ASTM D5420    |

Materials are tested at 23± 2°C and 50± 5% relative humidity unless otherwise noted.

#### **RELATED TERMINOLOGY**

Canuck manufactures a number of products with various terminologies and physical properties. The data above represents a basic Automotive Grade, Recycled Black Copolymer Polypropylene.

#### **Property Notes**

This data represents typical properties, and should not be construed as specifications.

The data above is typical of Black material only.

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