



CANUCK  
COMPOUNDERS  
INC.

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## **BK 3-7-5**

### **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)	17.0 g/10 min	ASTM D1238
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
Tensile Modulus (23 °C)	710 Mpa	ISO 527
Flexural Modulus (23 °C)	800 Mpa	ISO 178

#### **THERMAL**

<b>Property (Condition)</b>	<b>Value Unit</b>	<b>Method</b>
HDT @.455 Mpa	65°C	ISO 75

#### **IMPACT**

<b>Property (Condition)</b>	<b>Value Unit</b>	<b>Method</b>
Notched Izod Impact (23 °C)	25 kJ/m <sup>2</sup>	ISO 180A
Gardner Impact (23°C)	600 in-lbs	ASTM D5420
Gardner Impact (-15°C)	560 in-lbs	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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