



CANUCK
COMPOUNDERS
INC.

180 SHELDON DRIVE, CAMBRIDGE, ON CANADA N1R 6V1
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BK 3-8-6

High Impact Black Copolymer Polypropylene

GENERAL

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

PHYSICAL

| Property (Condition) | Value Unit | Method |
|-----------------------------------|------------------------|------------|
| Melt Flow Rate (230 °C / 2.16 kg) | 22.0 g/10 min | ASTM D1238 |
| Shrinkage | 1.10% | ASTM D955 |
| Density | 0.95 g/cm ³ | ASTM D792 |

MECHANICAL

| Property (Condition) | Value Unit | Method |
|----------------------------------|------------|---------|
| Tensile Strength @ Yield (23 °C) | 16 Mpa | ISO 527 |
| Flexural Modulus (23 °C) | 750 Mpa | ISO 178 |

THERMAL

| Property (Condition) | Value Unit | Method |
|----------------------|------------|--------|
| HDT @.455 Mpa | 50°C | ISO 75 |

IMPACT

| Property (Condition) | Value Unit | Method |
|---|----------------------|-----------|
| Notched Izod Impact (23 °C) | 45 kJ/m ² | ISO 180A |
| Notched Izod Impact (23 °C) (0.1250 in) | 10.0 ft-lb/in | ASTM D256 |

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 High Impact, 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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