



CANUCK
COMPOUNDERS
INC.

180 SHELDON DRIVE, CAMBRIDGE, ON CANADA N1R 6V1
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AN 3-1-7 F20

Automotive Grade Mineral Filled Black Copolymer Polypropylene

GENERAL

| | |
|-----------------|--------------------|
| Material Status | Commercial: Active |
| Availability | North America |
| Forms | Pellets |
| Approved To | GMW 15674 |

PHYSICAL

| Property (Condition) | Value Unit | Method |
|-----------------------------------|------------------------|------------|
| Melt Flow Rate (230 °C / 2.16 kg) | 29.0 g/10 min | ASTM D1238 |
| Density | 1.04 g/cm ³ | ASTM D792 |
| Shrinkage | 1.20% | ASTM D955 |

MECHANICAL

| Property (Condition) | Value Unit | Method |
|----------------------------------|------------|---------|
| Tensile Strength @ Yield (23 °C) | 26 Mpa | ISO 527 |
| Flexural Modulus (23 °C) | 2100 Mpa | ISO 178 |

THERMAL

| Property (Condition) | Value Unit | Method |
|----------------------|------------|--------|
| HDT @ 1.82 Mpa | 60°C | ISO 75 |

IMPACT

| Property (Condition) | Value Unit | Method |
|--------------------------------|-----------------------|----------|
| Notched Izod Impact (23 °C) | 5.0 kJ/m ² | ISO 180A |
| Notched Izod Impact (-40 °C) | 3.0 kJ/m ² | ISO 180A |
| Notched Charpy Impact (23 °C) | 8.0 kJ/m ² | ISO 179A |
| Notched Charpy Impact (-30 °C) | 3.0 kJ/m ² | ISO 179A |
| Notched Charpy Impact (-40 °C) | 3.0 kJ/m ² | ISO 179A |

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, Mineral Filled 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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