



CANUCK
COMPOUNDERS
INC.

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

Automotive Grade Mineral Filled Black Thermoplastic PolyOlefin (TPO)

GENERAL

Material Status	Commercial: Active
Availability	North America
Forms	Pellets
Approved To	GMW 15702

PHYSICAL

Property (Condition)	Value Unit	Method
Melt Flow Rate (230 °C / 2.16 kg)	26.0 g/10 min	ASTM D1238
Filler Content	16.00%	ASTM D248
Density	1.01 g/cm ³	ASTM D792
Shrinkage	0.60%	ASTM D955

MECHANICAL

Property (Condition)	Value Unit	Method
Tensile Strength @ Yield (23 °C)	15 Mpa	ISO 527
Flexural Modulus (23 °C)	1000 Mpa	ISO 178

THERMAL

Property (Condition)	Value Unit	Method
HDT @ 1.82 Mpa	50°C	ISO 75

IMPACT

Property (Condition)	Value Unit	Method
Notched Charpy Impact (23 °C)	52 kJ/m ²	ISO 179/1eA
Multiaxial Impact @ -30 °C	13 J	ASTM D3763

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 Mineral Filled Black Thermoplastic PolyOlefin.

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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