



Canuck Compounders Inc.

Product Data Sheet BK 8-8-4R Black TPO

GENERAL

Material Status	Commercial: Active
Availability	North America
Forms	Pellets

PHYSICAL

Property (Condition)	Value Unit	Method
Density	0.92 g/cm ³	ISO 1183
Melt Flow Rate (230 °C / 2.16 kg)	10.0 g/10 min	ISO 1133
Shrinkage	1.60%	ASTM D955

MECHANICAL

Property (Condition)	Value Unit	Method
Tensile Strength @ Yield (23 °C)	19 Mpa	ISO 527
Elongation @ Yield	17.00%	ISO 527
Tensile Modulus (23 °C)	890 Mpa	ISO 527
Flexural Modulus (23 °C)	850 Mpa	ISO 178

THERMAL

Property (Condition)	Value Unit	Method
HDT @.455 Mpa	55°C	ISO 75

IMPACT

Property (Condition)	Value Unit	Method
Notched Izod Impact (23 °C)	42.0 (kJ/m ²)	ISO 180A
Notched Izod Impact (0 °C)	12.0 (kJ/m ²)	ISO 180A
Notched Izod Impact (-40 °C)	4.0 (kJ/m ²)	ISO 180A
Notched Charpy Impact (23 °C)	45.0 (kJ/m ²)	ISO 180A
Notched Charpy Impact (0 °C)	10.0 (kJ/m ²)	ISO 180A
Notched Charpy Impact (-40 °C)	3.5 (kJ/m ²)	ISO 180A

HARDNESS

Property (Condition)	Value Unit	Method
Shore D Hardness	62 D	ISO 868

RELATED TERMINOLOGY

Canuck manufactures a number of products with various terminologies and physical properties. The data above represents a basic General Purpose Black TPO Recycled Compound.

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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