



Canuck Compounders Inc.

Product Data Sheet

BK 3-7-7R MF20UV Mineral Filled, UV Stabilized 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) | 30.0 g/10min | ASTM D1238 |
| Density | 1.04g/cm ³ | ASTM D792 |
| Filler Content | 20.00% | ASTM D4218 |

MECHANICAL

| Property (Condition) | Value Unit | Method |
|----------------------------------|------------|---------|
| Tensile Strength @ Yield (23 °C) | 19.0 Mpa | ISO 527 |
| Flexural Modulus (23 °C) | 2,200 Mpa | ISO 178 |
| Tensile Modulus (23 °C) | 2,100 Mpa | ISO 527 |

IMPACT

| Property (Condition) | Value Unit | Method |
|--------------------------------|------------------------|----------|
| Notched Izod Impact (23 °C) | 19.0 kJ/m ² | ISO 180A |
| Notched Izod Impact (-30 °C) | 2.4 kJ/m ² | ISO 180A |
| Notched Charpy Impact (23 °C) | 20.0 kJ/m ² | ISO 179A |
| Notched Charpy Impact (-30 °C) | 2.5 kJ/m ² | ISO 179A |

THERMAL

| | | |
|------------------|-------|--------|
| HDT (@.1.82 MPa) | 60°C | ISO 75 |
| HDT (@ 0.45 MPa) | 108°C | ISO 75 |

No information supplied by Canuck Compounders Inc. constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon Canuck Compounders Inc. or other customer experience. Canuck Compounders Inc. makes no warranties concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use.