

VITAMIDE® BT11BK6559

Polyamide 6

Jackdaw Polymers

Message:

VITAMIDE® BT11BK6559 is a Polyamide 6 (Nylon 6) product filled with carbon fiber. It is available in Europe. Primary characteristic: flame rated.

| General Information | | | |
|--------------------------------|---------------|-------------------|----------------------|
| Filler / Reinforcement | Carbon Fiber | | |
| Appearance | Black | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.45 | g/cm ³ | ASTM D792, ISO 1183 |
| Water Absorption (23°C, 24 hr) | 1.0 | % | ASTM D570, ISO 62 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 90.0 | MPa | ASTM D638, ISO 527-2 |
| Tensile Elongation (Break) | 12 | % | ASTM D638, ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength | 15 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Peak Melting Temperature | 218 | °C | ASTM D2117, ISO 1218 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | UL 94 |

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