

Niche PA66HIBK

Polyamide 66

Niche Polymer, LLC

Message:

Niche PA66HIBK is a Polyamide 66 (Nylon 66) material. It is available in North America. Primary attribute of Niche PA66HIBK: Impact Resistant.

| General Information | | | |
|---|------------------------|------|-------------|
| Features | High Impact Resistance | | |
| Appearance | Black | | |
| Physical | Nominal Value | Unit | Test Method |
| Molding Shrinkage - Flow | 1.8 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 52.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 65 | % | ASTM D638 |
| Flexural Modulus | 1790 | MPa | ASTM D790 |
| Flexural Strength | 71.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Unnotched Izod Impact (23°C, 3.18 mm) | 860 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 70.0 | °C | ASTM D648 |
| Melting Temperature | 249 to 260 | °C | ASTM D789 |

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