

Technical Data Sheet

Schulamid NY0750G10D5B15823BLK



Polyamide 66

Product Description

Schulamid NY0750G10D5B15823BLK is a Polyamide 66 material.

Forms Pellets
Appearance Colors Available

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------|-------------|
| Physical | | | |
| Density - Specific Gravity | 1.14 | g/cm ³ | ASTM D792 |
| Mechanical | | | |
| Tensile Strength at Yield | 90 | MPa | ASTM D638 |
| Flexural Modulus | 3100 | MPa | ASTM D790 |
| Tensile Elongation at Break | 50 | % | ASTM D638 |
| Tensile Modulus | 2760 | MPa | ASTM D638 |
| Flexural Strength | 117 | MPa | ASTM D790 |
| Impact | | | |
| Notched Izod Impact, (3.18 mm) | 53 | J/m | ASTM D256 |
| Hardness | | | |
| Rockwell Hardness, (R-Scale) | 120 | | ASTM D785 |
| Thermal | | | |
| Deflection Temperature Under Load Unannealed (264 psi) | 90 | °C | ASTM D648 |
| Deflection Temperature Under Load Unannealed (66 psi) | 235 | °C | ASTM D648 |