

Nylene® 206

Polyamide 6

Custom Resins Group

Message:

Medium viscosity, modified nylon 6 molding resin used extensively in injection molding applications and in applications requiring clear colors

| General Information | | | |
|--|-------------------|-------------------|-------------|
| Features | Medium Viscosity | | |
| Appearance | Clear/Transparent | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.13 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 1.1 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (23°C) | 70.3 | MPa | ASTM D638 |
| Tensile Elongation (Break, 23°C) | 80 | % | ASTM D638 |
| Flexural Modulus (23°C) | 2420 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 82 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 161 | °C | ASTM D648 |
| Peak Melting Temperature | 222 | °C | ASTM D3418 |

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