

Nylene® 323

Polyamide 6
Custom Resins Group

Message:
Flexurally modified nylon 6 molding resin with excellent impact resistance.

| General Information | | | |
|----------------------------------|------------------------|-------------------|-------------|
| Features | Good Impact Resistance | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.08 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 1.2 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (23°C) | 51.0 | MPa | ASTM D638 |
| Tensile Elongation (Break, 23°C) | 250 | % | ASTM D638 |
| Flexural Modulus (23°C) | 652 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 930 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Peak Melting Temperature | 222 | °C | ASTM D3418 |

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