

Veroplas PA2000

Polyamide 6
PlastxWorld Inc.

Message:

Veroplas PA2000 is a polyamide 6 (nylon 6) product. It can be processed by injection molding and is available in North America or Europe.

| General Information | | | |
|---|-------------------|-------|-------------|
| Features | General | | |
| Uses | General | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.13 | g/cm³ | ASTM D792 |
| Molding Shrinkage - Flow | 2.4 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 64.8 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 30 | % | ASTM D638 |
| Flexural Modulus | 2700 | MPa | ASTM D790 |
| Flexural Strength | 80.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 50 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 48.9 | °C | ASTM D648 |
| Vicat Softening Temperature | 182 | °C | ASTM D1525 |
| Additional Information | | | |
| Glow Wire Test, UNE 20-672-83: 1200°F | | | |
| Injection | Nominal Value | Unit | |
| Suggested Max Moisture | 0.17 | % | |

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