

Chemlon® 115 GA

Teknor Apex Company (Chem Polymer) - Polyamide 66

Friday, June 30, 2017

General Information

General

| | | | |
|------------------------|-------------------------------------|------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Asia Pacific | • Europe | • North America |
| Filler / Reinforcement | • Glass Fiber, 15% Filler by Weight | | |
| Features | • Creep Resistant | • Good Stiffness | • High Strength |
| | • Good Dimensional Stability | • High Gloss | |
| Appearance | • Black | | |
| Forms | • Pellets | | |
| Processing Method | • Injection Molding | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|----------|-------------|
| Specific Gravity | 1.24 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 16000 | psi | ASTM D638 |
| Tensile Elongation (Break) | 2.0 | % | ASTM D638 |
| Flexural Modulus | 750000 | psi | ASTM D790 |
| Flexural Strength | 25500 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (73°F) | 1.2 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 264 psi, Unannealed | 470 | °F | ASTM D648 |
| Melting Temperature | 490 | °F | |

Notes

¹ Typical properties: these are not to be construed as specifications.

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Revision Date: 12/11/2008