

PlastxWorld CEVIAN® A1300 PA/ABS Alloy, Conditioned

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

Material Notes:

Property data is for samples at equilibrium moisture (2.0%) Information provided by PlastxWorld Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PlastxWorld-CEVIAN-A1300-PAABS-Alloy-Conditioned.php

| Physical Properties | Metric | English | Comments |
|------------------------------------|-----------|---------------------------|------------------|
| Density | 1.04 g/cc | 0.0376 lb/in ³ | ASTM D792 |
| Water Absorption | 0.50 % | 0.50 % | 24 hr; ASTM D570 |
| Moisture Absorption at Equilibrium | 2.0 % | 2.0 % | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-----------|---------------|-----------|
| Tensile Strength at Break | 32.4 MPa | 4700 psi | ASTM D638 |
| Flexural Yield Strength | 44.8 MPa | 6500 psi | ASTM D790 |
| Flexural Modulus | 1.50 GPa | 218 ksi | ASTM D790 |
| Izod Impact, Notched | 3.20 J/cm | 6.00 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------------------------|----------------------------|---------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 86.0 °C | 187 °F | 0.5 inch; ASTM D648 |
| Flammability, UL94 | HB @Thickness 1.50 mm | HB @Thickness 0.0591 in | |

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