



Accura[®] Xtreme[™] White 200

Xtreme Class

Ultra tough white plastic to replace CNC machined polypropylene and ABS articles

Post-Cured Material

| MEASUREMENT | CONDITION | METRIC | U.S. |
|--|--|-----------|-------------|
| Tensile Strength (MPa/PSI) | ASTM D 638 | 45-50 | 6530-7250 |
| Tensile Modulus (MPa/KSI) | ASTM D 638 | 2300-2630 | 334-381 |
| Elongation at Break (%) | ASTM D 638 | 7-20 | 7-20 |
| Flexural Strength (MPa/PSI) | ASTM D 790 | 75-79 | 10880-11460 |
| Flexural Modulus (MPa/KSI) | ASTM D 790 | 2350-2550 | 341-370 |
| Impact Strength (J/m /Ft-lbs/in) | ASTM D 256 | 55-66 | 1.03-1.24 |
| Heat Deflection Temperature | ASTM D 648 @ 66 PSI @ 264 PSI | 47 | 117 |
| | | 42 | 108 |
| Coefficient of Thermal Expansion (CTE) | ASTM E 831-93 30-50 °C 70-140 °C | 95 | 53 |
| | | 180 | 100 |
| Water Absorption (%) | ASTM D 570-98 | 0.38 | 0.38 |
| Glass Transition (Tg) | DMA, E" | 52 | 126 |
| Hardness, Shore D | | 78-80 | 78-80 |

Liquid Material

| MEASUREMENT | CONDITION | VALUE |
|------------------------|-----------------|------------------------|
| Viscosity | @ 30 °C (86 °F) | 650-750 cps |
| Penetration Depth (Dp) | | 4.6 mils |
| Critical Exposure (Ec) | | 8.3 mJ/cm ² |
| Color | | White |
| Solid Density | @ 25 °C (77 °F) | 1.18 g/cm ³ |
| Liquid Density | @ 25 °C (77 °F) | 1.12 g/cm ³ |

Eigenschaften

- Exceptionally tough and durable
- Resists breakage and handles challenging functional assemblies
- Great for snap fits, assemblies and demanding applications
- Ideal for master patterns for vacuum casting



Tel: 715.831.1682 1339 Continental Drive
www.five-star-plastics.com Eau Claire, WI 54701

Warranty/Disclaimer: All data shown is the property of 3D Systems. The performance characteristics of these products may vary according to product application, operating conditions, or with end use. Five Star Plastics makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

© 2017 by 3D Systems, Inc. All rights reserved. Specifications subject to change without notice. Xtreme is a trademark and the 3D logo and Accura are registered trademarks of 3D Systems, Inc.