



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 42	117 108
Coefficient of Thermal Expansion (CTE)	ASTM E 831-93 30-50 °C 70-140 °C	95 180	53 100
Water Absorption (%)	ASTM D 570-98	0.38	0.38
Glass Transition (Tg)	DMA, E''	52	126
Hardness, Shore D		78-80	78-80

Features

- 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

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

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