



# Accura<sup>®</sup> Xtreme<sup>™</sup>

Ultra tough grey plastic to replace CNC-machined polypropylene and ABS articles.

## Post-Cured Material Details

MEASUREMENT	CONDITION	METRIC	U.S.
Tensile Strength (MPa/PSI)	ASTM D 638	38-44	5510-6380
Tensile Modulus (MPa/KSI)	ASTM D 638	1790-1980	260-287
Elongation at Break (%)	ASTM D 638	14-22	14-22
Flexural Strength (MPa/PSI)	ASTM D 790	57-71	7540-10300
Flexural Modulus (MPa/KSI)	ASTM D 790	1520-2070	220-300
Impact Strength (J/m /Ft-lbs/in)	ASTM D 256	35-52	0.66-0.98
Heat Deflection Temperature	ASTM D 648 @ 66 PSI	46 °C	115 °F
	@ 264 PSI	41 °C	106 °F
Coefficient of Thermal Expansion (CTE)	ASTM D 648 @ 66 PSI	62 °C	144 °F
	@ 264 PSI	54 °C	129 °F
Glass Transition (Tg)		70-74 °C	158-165 °F

## Features

- 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 Details

MEASUREMENT	CONDITION	Value
Viscosity	@ 30 °C (86 °F)	250-300 cps
Penetration Depth (Dp)		4.1 mils
Critical Exposure (Ec)		11.7 mJ/cm <sup>2</sup>
Color		Grey
Solid Density	@ 25 °C (77 °F)	1.19 g/cm <sup>3</sup>
Liquid Density	@ 25 °C (82 °F)	1.13 g/cm <sup>3</sup>
Tested Build Styles		EXACT <sup>™</sup>

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