

# Xtreme Grey

Material for the SLA process

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## Technical Data Sheet

[www.oglemodels.com](http://www.oglemodels.com)

### Features, benefits and applications

- Form, fit and function prototypes
- Durable assemblies - snap fit, tough enclosures and consumer electronic components
- Replace CNC machining of Polypropylene and ABS
- Outstanding durability and impact resistance
- Thermal resistance over 60°C - without distortion
- Faster recoating and build times
- Maximise reliability with no user R&D



### Post-Cured Material

Measurement	Condition	Metric	Imperial
Tensile Strength	ASTM D 638	38-44 MPa	5510-6380 PSI
Tensile Modulus	ASTM D 638	1790-1980 MPa	260-287 KSI
Elongation at Break	ASTM D 638	14-22%	
Flexural Strength	ASTM D 790	52-71 MPa	7540-10300 PSI
Flexural Modulus	ASTM D 790	1520-2070 MPa	220-300 KSI
Impact Strength (Notched Izod)	ASTM D 256	35-52 J/m	0.66-0.98 ft-lb/in
Heat Deflection Temperature	ASTM D 648 @ 0.45 MPa (66 PSI) @ 1.82 MPa (264 PSI)	62°C 54°C	144°F 129°F
Colour	-	Grey	-
Solid Density	@ 25°C (77°F)	1.19 g/cm <sup>3</sup>	-

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