

Ultra Tough D200

MATERIAL PROPERTIES DATA

FLUID PROPERTIES

Color	Opaque Grey
Viscosity	~478cps at 30°C
Density	~1.10g/cm ³ at 25°C

MECHANICAL PROPERTIES

PROPERTY	VALUE	ASTM METHOD
Tensile Strength	34.0~40.0MPa	ASTM D638
Tensile Modulus	1200~1600MPa	ASTM D638
Elongation at Break	62.0~82.0%	ASTM D638
Flexural Strength	32.0~38.0MPa	ASTM D790
Flexural Modulus	1002~1402MPa	ASTM D790
Shore D	81~83D	ASTM D2240

THERMAL PROPERTIES

PROPERTY	VALUE	ASTM METHOD
HDT at 0.455MPa	49~55°C	ASTM D648
HDT at 1.82MPa	46~50°C	ASTM D648

APPLICABLE 3D PRINTER

Technology Type	DLP
Wavelength	405nm