

Digital Light Synthesis™ Resin: MPU 100 - Medical Polyurethane

Properties

Ultimate tensile strength	38 MPa
Elongation at break	25%
Young's Modulus	1200 MPa
0.2% Offset yield strength	14 MPa
Abrasion resistance	0.013 wear index

Biocompatibility. Sterilisability. Durability. Engineering-grade mechanical properties. Abrasion and chemical resistance.

Biocompatibility: ISO 10993-5, -10 USP VI

Sterilisation: EtO, E-beam, Gamma

Disinfectant compatibility: Bleach Chlorhexidine, Benzalkonium chloride

"A unique combination of mechanical strength, biocompatibility and sterilisability."

Example applications



Single use handles



Catheter



Surgical cutting guide



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make today?