

PRO MECHANICAL PROPERTIES

Method Code: ASTM D638-14

Product: Monocure 3D PRO Resins (25 μ m)

Acceptance Code: Supply Findings

Specimen Type: Rectangular beam samples (Type IV)

Equip' Serial No: UTM Serial No. 075

Conditioning: Tested at ambient temperature

SKUs 3DT-3926DBK, PGM-3931G, 3DT-3884LGY, 3DT-3900CC

Cross-Sectional Area (mm²) 26.47

Max Force (kN) 1.64

Tensile Strength (MPa) 62

Elongation at Break 4

Young's Modulus (GPa) 0.8

Flexural Band Span (mm) 86.23

Max Load Applied (N) 380

Flexural Stress (MPa) 348

Shore Hardness (D) 92

Heat Deflection Temp 71°C @ 0.45MPa
