

## Cast Urethane F-50

### Features & Benefits

- Extremely Durable
- Excellent Tear Strength
- Shore 55A
- Transparent Pale Yellow

MECHANICAL PROPERTIES <sup>1</sup>	TEST METHOD	IMPERIAL
Tensile Strength	ASTM D412	845 psi
Tensile Modulus	ASTM D412	
Modulus @ 100% Strain		150 psi
Modulus @ 200% Strain		275 psi
Modulus @ 300% Strain		390 psi
Flexural Elongation	ASTM D412	425%
Tear Strength	ASTM D624	95 pli
Shrinkage	ASTM D2566	0.001 in/in
Density	ASTM D792	1.07 g/cc

The information presented are typical values intended for reference and comparison purposes only. They should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, etc. Actual values will vary with build conditions. Tested parts were built on FDM 400mc @ 0.10" (0.254 mm) slice. Product specifications are subject to change without notice.

<sup>1</sup> Build orientation is on side long edge <sup>2</sup> Due to amorphous nature, material does not display a melting point <sup>3</sup> Literature value unless otherwise noted