

# UTR-6002 Technical Data

Liquid Properties		Optical Properties	
<b>Appearance</b>	Milky	<b>D<sub>p</sub></b>	0.1 mm
<b>Hardness (Shore D)</b>	85D	<b>E<sub>c</sub></b>	15 mJ/cm <sup>2</sup>

Mechanical Properties		
Method	Property Description	Typical Values
<b>D790</b>	<b>Flexural Modulus</b> 彎曲模量	2,900~3,220 Mpa
<b>D790</b>	<b>Flexural Strength</b> 彎曲強度	64~69 Mpa
<b>D638</b>	<b>Tensile Modulus</b> 拉伸模量	1,900~2,090 MPa
<b>D638</b>	<b>Tensile Strength at Yield</b> 拉伸強度	40~44 Mpa
<b>D638</b>	<b>Elongation at Break</b> 斷裂伸長率	13~20%
<b>D638</b>	<b>Poisson's Ratio</b> 泊鬆比	/
<b>D256</b>	<b>Impact Strength (Notched)</b> 缺口衝擊強度	34.4 J/m

Thermal Properties		
Method	Property Description	Typical Values
<b>D648</b>	<b>HDT @ 0.46 MPa (66 psi)</b>	99.6 °C

These values may vary and depend on individual machine processing and post-curing practices.



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