

WaterClear Ultra 10122 Technical Data

Liquid Properties		Optical Properties	
Appearance	Optically clear, colorless	D_p	6.5 mils
Hardness (Shore D)	87D	E_c	10 mJ/cm ²

Mechanical Properties		
Method	Property Description	Typical Values
D790	Flexural Modulus 彎曲模量	2,490 Mpa
D790	Flexural Strength 彎曲強度	84 Mpa
D638	Tensile Modulus 拉伸模量	2,880 MPa
D638	Tensile Strength at Yield 拉伸強度	/
D638	Elongation at Break 斷裂伸長率	7.5%
D638	Poisson's Ratio 泊鬆比	0.41
D256	Impact Strength (Notched) 缺口衝擊強度	25 J/m

Thermal Properties		
Method	Property Description	Typical Values
D648	HDT @ 0.46 MPa (66 psi)	47 °C

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



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