

ACRYLIC TYPICAL PROPERTIES

	Units	ASTM Test	ACRYLIC
Tensile strength	psi	D-638	10,000
Flexural modulus	psi	D-790	480,000
Lzod impact (notched)	ft-lbs/in of notch	D-256	0.4
Head deflection temperature @264 psi	°F	D-648	195
Maximum continuous service Temperature in air	°F		160
Water absorption (immersion 24 hours)	%	D-570	0.20
Coefficient of linear Thermal expansion	in/in/°F $\times 10^5$	D-696	4.0
Light Transmittance	%	D-1003	92