



TECHNICAL DATA

High Impact Polystyrene – Litho Grade and Screen Grade For gauges .010" to .060"

Property-Conditions-Units	ASTM Test Method	Typical Value
Specific Gravity	D-792	1.03 gm/cc
Tensile Strength at Yield	D-638	3300 psi
Tensile Strength at Break	D-638	3100 psi
Tensile Elongation at Break	D638	45 %
Flexural Properties	D-790	280,000 psi
Gauge Tolerances	----	+/-5% or .0015" Max (whichever is greater)
Flammability Class	UL94	94HB
Izod Impact (1/4") ft-lb/in notch	D-256	2.0
Gardner Impact, Method G	D3029	40
Deflection temperature Unannealed	D-648	190 F
Vicat Softening Temperature	D-1525	215 F