



Clearly

Tougher

Plexiglas® T

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Comparing Plexiglas® T Sheet to conventional acrylic sheet is an easy job. Because there really is no comparison. Plexiglas T combines the beauty of Plexiglas MC with toughness at least 65 percent greater than standard acrylic sheet. This means you no longer have to sacrifice clarity, design flexibility, or fabrication techniques to get additional toughness. Plexiglas T can take heavy store traffic in stride and keep looking new day after day, year after year. You know the advantages of Plexiglas over other display materials. Now see the advantages Plexiglas T offers over conventional acrylic sheet. It's clearly tougher.

Typical Properties^a of Plexiglas® T Sheet

PROPERTY	ASTM METHOD	UNITS	Plexiglas T Sheet
Specific Gravity	D-792	none	1.18
<i>Optical</i>			
Transmission	D-1003	%	92
Haze	D-1003	%	1.5
<i>Mechanical</i>			
Impact Strength			
Notched Izod	D-256	ft-lb/in	0.4
Unnotched Charpy	D-256	ft-lb/0.5"x1" section	14
Tensile	D-638		
Maximum Strength		psi	9,200
Modulus		psi	410,000
Elongation at Yield		%	5.4
Elongation at Break		%	37
Flexural	D-790		
Maximum Strength		psi	14,500
Modulus		psi	425,000
Rockwell Hardness	D-785	M Scale	78
<i>Thermal</i>			
DTUFL @ 264 psi	D-648		
Annealed (16 hours @ 80°C)		°F	201

^a -Values reported are typical and should not be used for specification purposes.



Clearly Versatile

Product Offering

CLEAR:

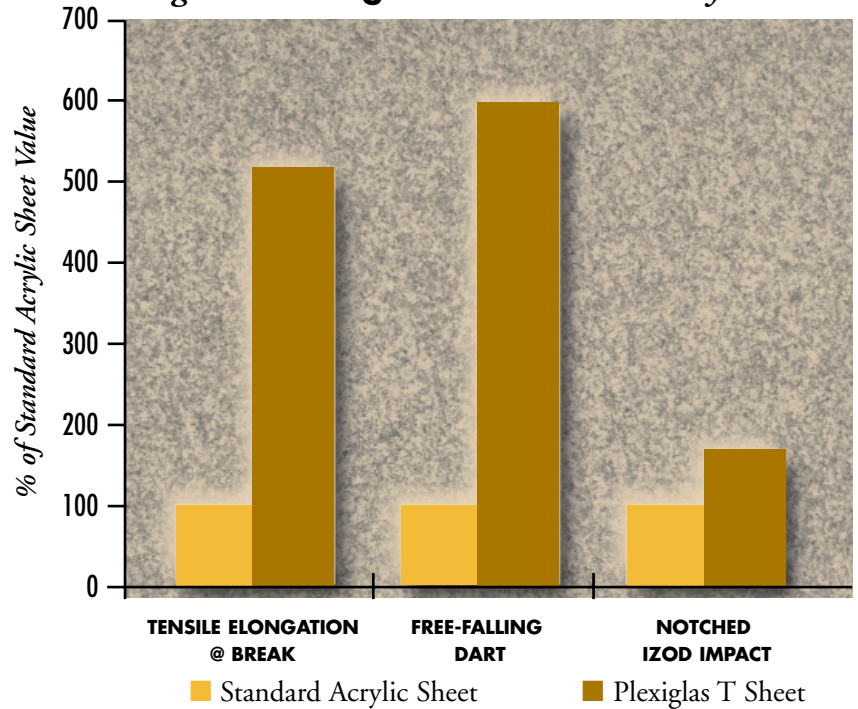
- Thicknesses from 0.118" to 0.236"
- Sizes of 4' x, 5' x, and 6' x 8's along with 51" x 100"
- Film masked (paper additional cost)

COLOR:

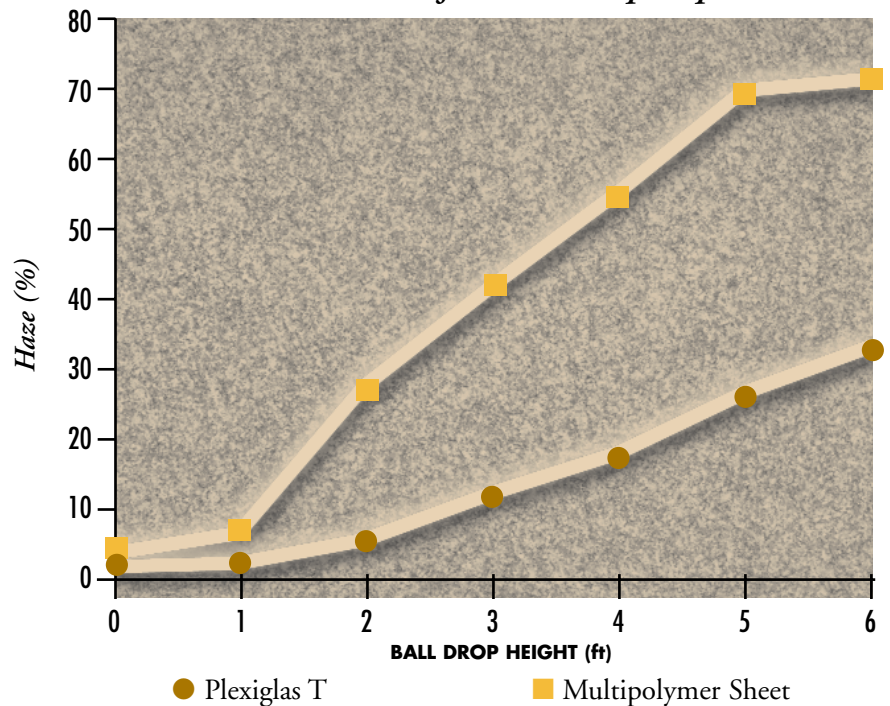
- Thicknesses of 0.118", 0.177" and 0.236"
- Black 2025 and White 7328 only
- Sizes of 4' x, 5' x, and 6' x 8's
- Film masked (paper additional cost)

Non-standard items quoted upon request

Toughness: Plexiglas T vs. Standard Acrylic Sheet



Haze Measurements After Ball Drop Impact



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See MSDS for Health & Safety Considerations.

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Plexiglas T acrylic resin is a combustible thermoplastic. Observe fire precautions appropriate for comparable forms of wood and paper. For building uses, check code approvals. Impact resistance is a factor of thickness. Avoid exposure to heat or aromatic solvents. Clean with soap and water. Avoid abrasives.

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