

PLEXIGLAS® SHEET: Load Bearing Applications

ACRYLIC SHEET

ALTUGLAS INTERNATIONAL SHEET PRODUCTS: ANY LOAD-BEARING APPLICATIONS

Altuglas International frequently receives calls requesting information on the use of our products for "flooring" applications. Altuglas International does not recommend the use of any of its sheet products for any load bearing applications, including dance floors, stages, furniture, marine docks and balcony or stair railings. None of the sheet products Altuglas International manufactures in the Plexiglas® acrylic sheet line are load bearing materials. Such applications are considered "mis-use" applications.

Listed below are physical properties of Altuglas International Plexiglas® sheet products to note the low modulus values.

	Plexiglas® MC Sheet	Plexiglas® G Sheet	Plexiglas® SG Sheet
Tensile Modulus	450,000 psi	450,000 psi	360,000 psi
Flexural Modulus	450,000 psi	450,000 psi	400,000 psi

NOTE:

Tensile Modulus per ASTM-D638

Flexural Modulus per ASTM-D790

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