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POLYCARBONATE

LEXAN 9034



Description

The Lexan is a light weight transparent polycarbonate material that is known for its outstanding impact strength, superior dimensional stability, high temperature resistance and high clarity.

Applications

This product is mostly used for industrial glazing, to fabricate machine guards, structural parts, thermoformed and fabricated components.

Specifications

Technical Data

Specific gravity (ASTM D-792)	1.20
Tensile strength (ASTM D-638) (psi)	9000/9500
Flexural strength (ASTM D-790) (psi)	13 500
Compressive strength (ASTM D-695) (psi)	12 500
Hardness, M Scale (ASTM D-785)	70
Shear strength (ASTM D-732) (psi)	6000/10 000
Coeff. Thermal Exp. (ASTM D-696) In/In/°F x 10 ⁻⁶	3.75 x 10e5
Water absorption, 24 hours %	0.15

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.