

Technical Brief

PLEXIGLAS® SB
Technical Brief
Bullet Resisting Characteristics of Plexiglas SB Sheet

Type of Plexiglas	1.25" Thick Plexiglas SB
U. L. Rating	UL752 Level 1 Indoor and Outdoor
Weapon	9mm
Ammunition	124 Grain Full Metal Copper Case with Lead Core
Muzzle Energy (ft. lbs.)	380 to 460 ft. lbs.
Muzzle Velocity (ft./sec.)	1, 175 fps
Optical Properties Transmission Haze	>90% <1%

Plexiglas SB is certified by Underwriters' Laboratories as a UL752 Level 1 indoor and outdoor material providing protection against hand guns of medium power, such as the 9mm, Super 38 Automatic, and the like, with muzzle energy of 380 to 460 foot pounds. Outdoor materials are tested under two conditions: after 3 hours exposure, one side to -26°F the other side to room temperature and after 3 hours exposure to 120°F.

The statements, technical information and recommendations obtained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema expressly disclaims any and all liability NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OR MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein should be construed as an inducement to infringe any patent, and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.