

Material:	PLEXIGLAS® XT 0A000 (20070)
------------------	------------------------------------

Overview:

PLEXIGLAS® XT 0A000 (20070) is an extruded acrylic sheet that combines exceptional optical clarity with outstanding durability. Known for its excellent mechanical properties and versatility, this material is suitable for a wide range of applications.

Description:

Key Features:

- **High Transparency:** Offers a light transmission of up to 92%, ensuring clear visibility for displays and signage?
- **Temperature Resistance:** With a maximum service temperature of approximately 70°C (158°F), it maintains performance under varying environmental conditions?
- **Durability:** The material is break-resistant and exhibits high impact strength, making it ideal for both indoor and outdoor use. Its UV-absorbing properties help prevent yellowing over time?
- **Easy Processing:** PLEXIGLAS® XT can be easily cut, drilled, and thermoformed, making it a favorite among fabricators?
- **It bonds well with solvent-based adhesives, facilitating diverse applications?**

Applications: This versatile acrylic sheet is commonly used in furniture design, exhibition booths, illuminated advertising, and various industrial applications, where both aesthetics and functionality are required

Parameters:

Characteristics	Units	Value	Test Method
Series		Plexiglass	
Thickness	mm	4	
Color		Clear	
Operation temperature	°C	-40 - 70	
Density	g/cm ³	1.19 g/cm ³	ISO 1183
Light Transmission	%	92	ISO 13468-2
Reflexive index	-	1.491	ISO 489
Tensile strength	MPa	72	ISO 527
Flexual strength	MPa	105	ISO 178
Impact strength	kJ/m ²	15	
UV protection	-	1	
Type		Extruded	

Warranty:**Technical data**

All information and statements contained in this document are based on the manufacturer's or material supplier's sources known to us at the time of filing. PERLON, spol. s r.o. believes them to be reliable in good faith, but the accuracy and/or completeness of such information is not guaranteed. The data should be considered representative or typical only and should not be used for specification purposes. Manufacturers reserve the right to make changes to the design, construction and technical data of products without prior notice.

Use of the product

Many factors beyond the control of PERLON, spol. s r.o. and known only to the user may affect the use and performance of materials in a particular application. Therefore, we recommend that the customer perform their own tests of the suitability and performance of the material for their application and to a responsible extent for reliable results. As a result, the customer is solely responsible for evaluating the product and determining if it is suitable for the customer's application, including evaluating workplace hazards and reviewing all applicable regulations and standards. Failure to properly evaluate, use, or comply with all applicable safety regulations may result in injury, illness, death, and/or property damage if the material and associated safety is not properly evaluated. PERLON, spol. s r.o. makes no warranties of fitness for a particular purpose.

Limitation of liability

PERLON, spol. s r.o. shall not be liable for any loss or damage arising out of or relating to the product material, whether direct, indirect, special, incidental or consequential (including, but not limited to, loss of products or business), regardless of the applicable legal practice, including but not limited to warranty, contract, negligence or strict liability.

www.convertimg.sk