PRODUCT PAGE

Material:	Plexi CRYLON UVT

Overview:

Plexi CRYLON UVT is a high-quality acrylic sheet designed specifically for applications requiring enhanced UV transmission. It is particularly suitable for solariums and sunbeds due to its ability to allow significant amounts of UV-A and UV-B light to pass through while providing excellent resistance to degradation from exposure to UV rays?

Description:

Crylon® UVT is made from acrylic sheets (PMMA) and is designed for various applications. It offers excellent optical clarity and high transparency, making it suitable for both long-term and short-term external uses. Additionally, it features good UV and weathering resistance. The material supports established recycling procedures and can be processed through various methods like digital printing, screen printing, laminating, painting, laser cutting, drilling, engraving, thermoforming, and polishing, among others.

Key Features:

- High UV Transmittance: CRYLON UVT sheets have a light transmission of approximately 92%, allowing effective use in environments where UV exposure is essential?
- Durability: The material is engineered to resist weathering and aging, ensuring that it maintains its optical clarity and mechanical properties over time?
- Versatility: It can be used in a variety of applications, including advertising signs, display cases, furniture glazing, and partition walls?
- Processing Capabilities: CRYLON UVT can be easily handled and fabricated, allowing for printing, laminating, sawing, and laser cutting?

Applications: This material is ideal for:

- Solariums and tanning beds
- Displays in environments requiring UV light
- Signage and advertising where clarity and UV protection are important

Parameters:

Characteristics	Units	Value	Test Method
Series		Plexiglass	
Thickness	mm	2	
Color		Clear	
Operation temperature	°C	-20 - 80	
Density	g/cm³	1.19	ISO 1183
Light Transmission	%	92	ISO 13468-2

Reflextive index	-	1.492	ISO 489
Tensile strength	MPa	70	ISO 527
Flexual strength	MPa	110	ISO 178
Impact strength	kJ/m²	15	
UV protection	-	1	
Type		Extruded	

Warranty:

Technical data

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Use of the product

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