

<b>Material:</b>	<b>PLEXIGLAS® GS Grey 7C83 GT</b>
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## Overview:

PLEXIGLAS® GS Grey 7C83 GT is a high-quality cast acrylic sheet known for its striking grey color and excellent performance characteristics. This material combines aesthetic appeal with practical applications, making it suitable for various industrial and decorative uses.

## Description:

### Key Features:

- **Translucent Appearance:** With a light transmission of approximately 21%, this acrylic sheet offers a stylish translucent finish, allowing some light to filter through while providing privacy?
- **Durability:** PLEXIGLAS® GS Grey exhibits high break resistance and surface hardness, ensuring it can withstand impacts and wear?
- **Temperature Resistance:** This material is resistant to temperatures up to 80°C (176°F), making it suitable for diverse environments, including indoor and outdoor applications?
- **UV Protection:** The sheet is UV absorbent, which helps prevent degradation and yellowing over time, ensuring long-lasting clarity and color stability?
- **Easy Processing:** PLEXIGLAS® GS can be easily cut, drilled, and fabricated, allowing for customization in various projects?

**Applications:** This versatile acrylic sheet is ideal for use in glazing, furniture design, shopfitting, exhibition booths, illuminated advertising, and displays. Its combination of aesthetic appeal and functional properties makes it an excellent choice for both commercial and residential applications?

## Parameters:

Characteristics	Units	Value	Test Method
Series		Plexiglass	
Thickness	mm	5	
Color		Dark grey	
Operation temperature	°C	-40 - 80	
Density	g/cm <sup>3</sup>	1.19 g/cm <sup>3</sup>	ISO 1183
Light Transmission	%	21	ISO 13468-2
Reflexive index	-	1.491	ISO 489
Tensile strength	MPa	80	ISO 527
Flexual strength	MPa	115	ISO 178
Impact strength	kJ/m <sup>2</sup>	15	

UV protection	-	1	
Type		Cast	

**Warranty:**

[www.converting.sk](http://www.converting.sk)