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| Material: | PLEXIGLAS® GS Grey 7C83 GT |
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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 ³ | 1.19 g/cm ³ | 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 ² | 15 | |

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| UV protection | - | 1 | |
| Type | | Cast | |

Warranty:

www.converting.sk