

Material:	PLEXIGLAS® XT Black 9N871 GT
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Overview:

PLEXIGLAS® XT Black 9N871 GT is an extruded acrylic sheet specifically designed for applications requiring a sleek, opaque finish. This material combines aesthetic appeal with robust performance characteristics, making it suitable for various industrial and decorative uses.

Description:

Key Features:

- **Opaque and Light-Blocking:** With 0% light transmission, this acrylic sheet provides complete opacity, ideal for applications where light blockage is essential?
- **High Durability:** The sheet is engineered for high break resistance and surface hardness, ensuring it can withstand daily wear and tear?
- **Temperature Resistance:** PLEXIGLAS® XT Black can endure temperatures up to approximately 70°C (158°F), making it suitable for a range of environments?
- **UV Protection:** The material is UV absorbent, helping prevent degradation and discoloration over time?
- **Easy Processing:** This acrylic sheet is straightforward to cut, drill, and fabricate, allowing for customization in various projects?

Applications: Common uses for PLEXIGLAS® XT Black include glazing in industrial applications, furniture design, shopfitting, exhibition booth construction, illuminated advertising, and displays. Its combination of functionality and aesthetic quality makes it a versatile choice for both commercial and residential projects?

Parameters:

Characteristics	Units	Value	Test Method
Series		Plexiglass	
Thickness	mm	3	
Color		Black	
Operation temperature	°C	-40 - 70	
Density	g/cm ³	1.19 g/cm ³	ISO 1183
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**

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