

PLEXIGLAS® Sheet Soundstop NT

Polymethyl Methacrylate Acrylic
Evonik Industries AG

Message:

PLEXIGLAS® Soundstop NT is a highly filled, non-transparent grade of acrylic. Applications: These properties make PLEXIGLAS® Soundstop NT especially suitable for
noise control along roads and railways
wind barriers on bridges

General Information			
Features	Filled		
	Good Weather Resistance		
	High Hardness		
	Low Molecular Weight		
	Recyclable Material		
Appearance	Colors Available		
	Finishes Available		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Density	1.67	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7200	MPa	ISO 527-2/1B/5
Tensile Stress ¹	37.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.0	%	ISO 527-2/1B/5
Flexural Stress	62.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	105	°C	ISO 306/B
CLTE - Flow (0 to 50°C)	7.0E-5	cm/cm/°C	DIN 53752-A
Maximum Service Temperature	70	°C	
Weight per Unit Area (1.20 cm)	20.0	kg/m ²	
	35 dB at 20 mm		
	34 dB at 15 mm		
Weighted Sound Reduction Index	30 dB at 12 mm		EN 1793-2
NOTE			

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Recommended distributors for this material

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