

Plexiglas® SG7

PMMA

Altuglas International

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2448	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	2448	MPa	ASTM D 790
Rockwell Hardness	M 60	-	ASTM D 785
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Vicat Temperature	83.3	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	2	%	ASTM D 1003
Light Transmittance	91	%	ASTM D 1003
Index of Refraction	1.49	-	ASTM D 542

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.3	%	ASTM D 570
Density	1170	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Transparent

Regional Availability

North America, South and Central America