

Plexiglas® V052

PMMA

Altuglas International

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Modulus	3103	MPa	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	3103	MPa	ASTM D 790
Rockwell Hardness	M 91	-	ASTM D 785
Izod Impact notched, 1/8 in	16	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
Vicat Temperature	97.2	°C	ASTM D 1525
Optical properties			
ASTM Data	Value	Unit	Test Standard
Haze	2	%	ASTM D 1003
Light Transmittance	92	%	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	1190	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Transparent

Regional Availability

North America, South and Central America