

OPTIX® CA - 1000 IG CLEAR

PMMA

Plaskolite West, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.6	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			
Tensile Modulus	1600	MPa	ASTM D 638
Tensile Strength	40	MPa	ASTM D 638
Flexural Strength	47	MPa	ASTM D 790
Izod Impact notched, 1/4 in	66	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	120	E-6/K	ASTM D 696
DTUL @ 264 psi	78	°C	ASTM D 648
Vicat Temperature	100	°C	ASTM D 1525
Optical properties			
ASTM Data			
Haze	2	%	ASTM D 1003
Light Transmittance	90.8	%	ASTM D 1003
Other properties			
Density	1150	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

High impact or impact modified