

OPTIX® CA - 42 CLEAR

PMMA

Plaskolite West, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	40	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	2620	MPa	ASTM D 638
Tensile Strength	51	MPa	ASTM D 638
Flexural Strength	69	MPa	ASTM D 790
Izod Impact notched, 1/4 in	18	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	60	E-6/K	ASTM D 696
DTUL @ 264 psi	70	°C	ASTM D 648
Vicat Temperature	76	°C	ASTM D 1525
Optical properties			
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	92	%	ASTM D 1003
Other properties			
Density	1190	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Applications

General Purpose