

OPTIX® CP - 71 LL CLEAR

PMMA

Plaskolite West, Inc.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 4.3 | 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 | 3240 | MPa | ASTM D 638 |
| Tensile Strength | 66 | MPa | ASTM D 638 |
| Flexural Strength | 105 | 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 | 97 | °C | ASTM D 648 |
| Vicat Temperature | 107 | °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