

LUMICENE® MR 60MC2

PP

TotalEnergies

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 60 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 1300 | MPa | ISO 527 |
| Yield stress | 31 | MPa | ISO 527 |
| Yield strain | 10 | % | ISO 527 |
| Flexural modulus, 23°C | 1250 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 5 | kJ/m ² | ISO 180/1A |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 140 | °C | ISO 11357-1/-3 |
| Other properties | | | |
| ISO Data | | | |
| Density | 902 | kg/m ³ | ISO 1183 |
| Bulk density | 525 | kg/m ³ | - |

Characteristics**Processing**

Injection Molding

Certifications

Food contact

Special Characteristics

High impact or impact modified, Transparent

Applications

Medical, Packaging

Features

High Gloss, Copolymer, Random Copolymer

Regional Availability

Europe