

**LUMICENE® MR 10MX0**

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Izod notched impact strength, +23°C	5	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	140	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	902	kg/m <sup>3</sup>	ISO 1183
Bulk density	525	kg/m <sup>3</sup>	-

**Characteristics****Processing**

Injection Molding, Blow Molding

**Special Characteristics**

Transparent

**Features**

High Gloss, Copolymer, Random Copolymer

**Certifications**

Food contact

**Applications**

Medical, Packaging

**Regional Availability**

Europe