

**TOTAL 7227**

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>10</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1300</b>	MPa	ISO 527
Yield stress	<b>29</b>	MPa	ISO 527
Yield strain	<b>10</b>	%	ISO 527
Flexural modulus, 23°C	<b>1200</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	<b>R 86</b>	-	ISO 2039-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>146</b>	°C	ISO 11357-1/-3
Vicat softening temperature, A	<b>130</b>	°C	ISO 306
Vicat softening temperature, B	<b>67</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>902</b>	kg/m <sup>3</sup>	ISO 1183
Bulk density	<b>525</b>	kg/m <sup>3</sup>	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Transparent

**Features**

Blush Resistance/Low Crease Whitening, Copolymer, Random Copolymer

**Regional Availability**

Europe