

**TOTAL 1645**

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1800	MPa	ISO 527
Yield stress	32	MPa	ISO 527
Yield strain	8	%	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Charpy notched impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	50	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	9	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-20	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
<b>Other properties</b>			
Density	905	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Other Extrusion, Blow Molding

**Features**

Nucleated, Copolymer

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Regional Availability**

Europe