

**TOTAL 6288**

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	R 86	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	145	°C	ISO 11357-1/-3
Vicat softening temperature, A	136	°C	ISO 306

Optical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Haze	1.2	-	ISO 14782
<b>ASTM Data</b>			
Gloss	89	-	ASTM D 2457

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

Film Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Stress at yield, parallel	18	MPa	ISO 527-3
Stress at yield, normal	18	MPa	ISO 527-3
Stress at break, parallel	36	MPa	ISO 527-3
Stress at break, normal	26	MPa	ISO 527-3
Maximum strain, parallel	500	%	ISO 527-3
Maximum strain, normal	470	%	ISO 527-3
Dart drop A	320	g	ISO 7765-1
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

**Characteristics****Processing**

Film Extrusion

**Additives**

Antiblocking agent

**Features**

Weldable, Copolymer, Random Copolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Europe