

TOTAL 7060

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	32	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	3.5	kJ/m ²	ISO 180/1A
Rockwell hardness	R 95	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
Vicat softening temperature, B	87	°C	ISO 306

Optical properties	Value	Unit	Test Standard
ISO Data			
Haze	4	-	ISO 14782
ASTM Data			
Gloss	85	-	ASTM D 2457

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ISO 1183
Bulk density	525	kg/m ³	-

Film Properties	Value	Unit	Test Standard
ISO Data			
Stress at yield, parallel	23	MPa	ISO 527-3
Stress at yield, normal	23	MPa	ISO 527-3
Stress at break, parallel	44	MPa	ISO 527-3
Stress at break, normal	34	MPa	ISO 527-3
Maximum strain, parallel	500	%	ISO 527-3
Maximum strain, normal	600	%	ISO 527-3
Dart drop A	270	g	ISO 7765-1
Type of extrusion	cast	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Injection Molding, Film Extrusion

Features

Homopolymer

Certifications

Food contact

Applications

Packaging, Toys

Regional Availability

Europe