

TOTAL 10231

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	40	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Rockwell hardness	R 84	-	ISO 2039-2
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	147	°C	ISO 11357-1/-3
Vicat softening temperature, A	130	°C	ISO 306
Vicat softening temperature, B	67	°C	ISO 306
Other properties			
Density	902	kg/m ³	ISO 1183
Bulk density	525	kg/m ³	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, Transparent

Features

Low Odor, Nucleated, Copolymer, Random Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Europe