

TOTAL 7810B

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	14	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Yield stress	20	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	50	kJ/m ²	ISO 180/1A
Izod notched impact strength	8.5	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Rockwell hardness	R 78	-	ISO 2039-2
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	92	°C	ISO 75-1/-2
Vicat softening temperature, A	135	°C	ISO 306
Vicat softening temperature, B	65	°C	ISO 306
Other properties			
Value			
Density	905	kg/m ³	ISO 1183
Bulk density	525	kg/m ³	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

High impact or impact modified

Regional Availability

Europe

Features

Copolymer