

TOTAL 1640

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1340	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1350	MPa	ISO 178
Charpy notched impact strength, +23°C	80	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	80	kJ/m ²	ISO 180/1A
Izod notched impact strength	8	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Other properties			
Density	905	kg/m ³	ISO 1183
Bulk density	525	kg/m ³	-

Characteristics**Processing**

Pipe/Tube Extrusion, Sheet Extrusion, Blow Molding

Applications

Packaging

Special Characteristics

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

Regional Availability

Europe

Features

Nucleated, Copolymer