

**TOTAL 3462**

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	4.1	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1517	MPa	ASTM D 638
Tensile Strength at Yield	34.5	MPa	ASTM D 638
Flexural Modulus	1379	MPa	ASTM D 790
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	907	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	107	°C	ASTM D 648
Melting Temperature	166	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	905	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	204 - 260	°C	-

**Characteristics****Processing**

Other Extrusion

**Features**

Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Monofilament

**Regional Availability**

North America