

TOTAL 3281

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.3	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1517	MPa	ASTM D 638
Tensile Strength at Yield	33.8	MPa	ASTM D 638
Flexural Modulus	1379	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Shore D Hardness	81	-	ASTM D 2240
Izod Impact notched, 1/8 in	42.7	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	1600	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	101	E-6/K	ASTM D 696
DTUL @ 66 psi	104	°C	ASTM D 648
Melting Temperature	166	°C	ASTM D 3418

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

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	sheet	-	-
Melt temperature	200 - 232	°C	-

Characteristics**Processing**

Sheet Extrusion, Thermoforming

Features

Good Drawdown, Melt Strength, Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved

Regional Availability

North America