

TOTAL 3727W

PP

TotalEnergies

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1241	MPa	ASTM D 638
Tensile Strength	33.1	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Flexural Modulus	1310	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	104	°C	ASTM D 648
Melting Temperature	158	°C	ASTM D 3418

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	200 - 232	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Nucleated, Copolymer, Random Copolymer

Certifications

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

Regional Availability

North America