

**TOTAL 3740WR**

PP

TotalEnergies

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1655	MPa	ASTM D 638
Tensile Strength at Yield	37.2	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Flexural Modulus	1724	MPa	ASTM D 790
Izod Impact notched, 1/8 in	16	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	116	°C	ASTM D 648
Melting Temperature	165	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	177 - 232	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

Nucleated, Homopolymer

**Chemical Resistance**

Radiation Resistance

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Medical, Packaging

**Regional Availability**

North America