

TOTAL 4170

PP

TotalEnergies

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 0.8 | g/10min | ASTM D 1238 |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 26.9 | MPa | ASTM D 638 |
| Elongation at Yield | 11 | % | ASTM D 638 |
| Flexural Modulus | 1138 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | N | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 80.1 | J/m | ASTM D 256 |
| Temperature | -20 | °C | - |

| Thermal properties | Value | Unit | Test Standard |
|---------------------|-------|------|---------------|
| ASTM Data | | | |
| Melting Temperature | 162 | °C | ASTM D 3418 |

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

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Thermoforming

Features

Melt Strength, Copolymer, Impact Copolymer

Special Characteristics

High impact or impact modified

Regional Availability

North America