



Resin Properties⁽¹⁾

	Typical Value	ASTM or ISO Method
Melt Flow Index, g/10 min 190°C/21.6 kg (HLMI)	6.0	ISO 1133
Density, g/cm ³	0.946	ISO 1183
Melting Point, °F	260	D 3417

Mechanical Properties⁽¹⁾⁽²⁾

Tensile Strength at Yield, MPa	24.0	ISO 527, 50 mm/min
Elongation @ Break, %	> 600	ISO 527, 50 mm/min
Flexural Modulus @ 0.4% Strain, MPa	1,100	ISO 178
Notched Izod Impact Strength, ft- lb/in	12.0	D 256, A 1/8 in thick specimen
ESCR ⁽³⁾ , F ₅₀ , hrs	> 1000	D 1693, cond. B 100% Igepal

Processing

Recommendation

Blow Molding Stock Temperature	370 – 450 °F
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Polyethylene:

High Molecular Weight
High Density Fuel Tank
Resin

Characteristics

- Good melt strength
- Excellent impact and creep resistance
- Excellent stress cracking resistance
- GMP.PE.062 certification

Applications

- Automotive fuel tanks

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
(2) The data listed was determined on compression molded specimens and may, therefore, vary from specimens taken from molded articles.
(3) Environmental Stress Crack Resistance (ESCR)