



HDPE 6508

High Density Polyethylene Small Part Blow Molding Resin

BLOW MOLDING

RESIN PROPERTIES ⁽¹⁾

	Method	Unit	Typical Value
Melt Flow Index	D1238	g/10 min	–
190°C/2.16 kg	–	–	0.70
190°C/21.6 kg (HLMI)	–	–	50
Density	D792	g/cm ³	0.962
Melting Temperature	D3418	°F	275

MECHANICAL PROPERTIES ⁽¹⁾⁽²⁾

	Method	Unit	Typical Value
Tensile Strength at Yield	D638	psi	4,200
Elongation at Break	D638	%	> 300
1% Secant Modulus	D638	psi	185,000
Izod Notched Impact (73°F)	D256	ft-lb/in	1.9

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) The data listed were determined on compression-molded specimens and may, therefore, vary from specimens taken from molded articles.

CHARACTERISTICS:

- Medium molecular weight
- Very high density
- Excellent processability
- Superior stiffness

APPLICATIONS:

- Blow molding
- Profile extrusion
- General purpose
- Food packaging

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