



# HDPE 6508

High Density Polyethylene Small Part Blow Molding Resin

BLOW MOLDING

## RESIN PROPERTIES <sup>(1)</sup>

	Method	Unit	Typical Value
Melt Flow Index	D1238	g/10 min	–
190°C/2.16 kg	–	–	0.7
190°C/21.6 kg (HLMI)	–	–	50
Density	D792	g/cm <sup>3</sup>	0.962
Melting Temperature	D3418	°F	275

## MECHANICAL PROPERTIES <sup>(1)(2)</sup>

	Method	Unit	Typical Value
Tensile Strength at Yield	D638	psi	4,200
Elongation at Break	D638	%	> 300
Tensile Modulus	D638	psi	185,000
Izod Impact at 23C	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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