



# HDPE SB1359NA

High Density Polyethylene Injection-Stretch 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	–	–	2.0
Density	D792	g/cm <sup>3</sup>	0.963
Melting Temperature	D3418	°F	269

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

	Method	Unit	Typical Value
Tensile Strength at Yield	D638	psi	4,600
Elongation at Break	D638	%	> 600
Flexural Modulus	D790	psi	210,000
ESCR <sup>(3)</sup>	D1693, B	hrs	–
100% Igepal	–	–	> 200
10% Igepal	–	–	> 125

(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.

(3) Environmental Stress Crack Resistance (ESCR).

## CHARACTERISTICS:

- ISBM processability
- High stiffness
- Excellent stress cracking resistance

## APPLICATIONS:

- ISBM
- Household chemicals containers
- Industrial chemicals containers
- Industrial parts
- Food packaging
- Personal care packaging

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