

	Method	Unit	Typical Value
Resin Properties ⁽¹⁾			
Melt Flow Index	D-1238	g/10 min	
190 °C/2.16 kg			0.45
Density	D-792	g/cm ³	0.958
Mechanical Properties ⁽¹⁾⁽²⁾			
Tensile Strength @ Yield	D-638	psi	4500
Elongation at Break	D-638	%	200
Flexural Modulus @ 2% strain	D-790	kpsi	135
Flexural Modulus @ 1% strain	D-790	kpsi	165
ESCR ⁽³⁾	D1693, B	hrs	
100% Igepal			> 800
10% Igepal			> 300
Processing Recommendation			
Blow Molding Stock Temperature		°F	360 - 400
Extrusion Melt Temperature		°F	380 - 420

Characteristics:

- Excellent ESCR⁽³⁾
- High stiffness
- Lightweighting potential

Applications:

- Bleach and detergent containers
- Industrial chemicals containers
- Industrial parts
- Food packaging

(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)