

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

	Method	Unit	Typical Value
Melt Flow Index	D1238	g/10 min	–
190°C/2.16 kg	–	–	4
Density	D792	g/cm <sup>3</sup>	0.939
Melting Temperature	D3417	°F	259

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

	Method	Unit	Typical Value
Tensile Modulus	D638	psi	117,000
Tensile Strength at Yield	D638	psi	3,000
Tensile Strength at Break	D638	psi	1,700
Elongation at Yield	D638	%	8
Elongation at Break	D638	%	300
Flexural Modulus (1% Secant)	D790	psi	128,000
Vicat Softening Temperature	D1525	°F	247
ESCR <sup>(2)</sup>	D1693	hrs	–
10% Igepal	–		155
100% Igepal	–		> 900
UV Rating (G155, cycle1)	–		> 16
ARM Low Temperature Impact (0.250", -40°C)	–	ft-lbs	180

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.  
 (2) Environmental Stress Crack Resistance (ESCR).

## CHARACTERISTICS:

- Second generation metallocene
- Superior mechanical properties
- Outstanding optical properties (gloss)
- Improved dimensional stability
- Easy processing

## APPLICATIONS:

- Rotational-molded items
- NSF standard 61

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