

RESIN PROPERTIES ⁽¹⁾

	Method	Unit	Typical Value
Melt Flow Index	D1238	g/10 min	–
190°C/2.16 kg	–	–	6
Density	D792	g/cm ³	0.935
Melting Temperature	D3417	°F	252

MECHANICAL PROPERTIES ⁽¹⁾

	Method	Unit	Typical Value
Tensile Modulus	D638	psi	93,000
Tensile Strength at Yield	D638	psi	2,600
Tensile Strength at Break	D638	psi	1,700
Elongation at Yield	D638	%	8
Elongation at Break	D638	%	340
Flexural Modulus (1% Secant)	D790	psi	100,000
Vicat Softening Temperature	D1525	°F	239
ESCR ⁽²⁾	D1693	hrs	–
10% Igepal	D1693		300
100% Igepal	–		> 1,000
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:

- NSF standard 51, 61
- Rotational-molded items

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