

	Method	Unit	Typical Value
<b>Resin Properties <sup>(1)</sup></b>			
Melt Flow Index	D-1238	g/10 min	
190 °C/2.16 kg			4
Density	D-792	g/cm <sup>3</sup>	0.940
Melting Point	D-3417	°C / °F	126 / 259
Vicat Softening Point	D-1525	°C / °F	119 / 247
<b>Mechanical Properties <sup>(1)</sup></b>			
Tensile Modulus	D-638	kpsi	117
Tensile Strength @ Yield	D-638	psi	3,000
Tensile Strength @ Break	D-638	psi	1,700
Elongation @ Yield	D-638	%	8
Elongation @ Break	D-638	%	300
Flexural Modulus (1% Secant)	D-790	kpsi	128
ESCR <sup>(2)</sup>	D-1693		
10% Igepal		hrs	155
100% Igepal		Hrs	> 900
UV Rating			> 16
ARM Low Temperature Impact (0.250")		ft-lbs	180

### Characteristics:

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

### Applications:

- Rotational-molded items

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) Environmental Stress Crack Resistance (ESCR)

## Processing

Recommended PIAT range of 200 – 230 °C. (Maximum recommended PIAT 248 °C.)

Molding at higher PIAT is recommended for enhanced physical properties and part to part consistency.