

### Product Information

#### Product Characteristics

- Non-Halogen
- Injection Molding
- 20% Filler Reinforced

Properties	Test Method	Unit	Typical Values		
<b>Physical Properties<sup>1</sup></b>					
Density	ISO 1183	kg/m <sup>3</sup>	1,340		
Mold Shrinkage	In House Method	% Parallel	0.2-0.4		
		% Across	0.3-0.5		
<b>Mechanical Properties<sup>1</sup></b>					
Tensile Modulus 1mm/min	ISO 527	MPa	6,100		
Tensile Yield Stress 50mm/min	ISO 527	MPa			
Flexural Modulus 2mm/min	ISO 178	MPa	5,400		
Flexural Strength 2mm/min	ISO 178	MPa	100		
Charpy Impact Strength		Unnotched	ISO 179	kJ/m <sup>2</sup>	60
		Notched	ISO 179	kJ/m <sup>2</sup>	4
<b>Thermal Properties<sup>1</sup></b>					
Heat Deflection Temperature	ISO 75-1,2				
		1.80MPa	°C	92	
		0.45MPa	°C	104	
Vicat Softening Temperature	ISO 306	50°C/h 50N	106		
Flammability	UL 94	-	V-1 (1.0mm)		
	UL 94		V-0 (1.3mm)		

<sup>1</sup> Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necessarily represent the results that may be obtained otherwise.

Multilon® is a registered trademark of Teijin Chemicals and is distributed by Calsak Corporation

Issued 9-1-13