

Product Information

Product Characteristics

- Injection Molding Grade
- 35% Filler Reinforced
- Flame Resistant

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Density	ISO 1183	kg/m ³	1,510
Mold Shrinkage	In House Method	% Parallel	0.1-0.3
		% Across	0.3-0.5
Mechanical Properties¹			
Tensile Modulus 1mm/min	ISO 527	MPa	10,200
Tensile Yield Stress 50mm/min	ISO 527	MPa	
Flexural Modulus 2mm/min	ISO 178	MPa	9,300
Flexural Strength 2mm/min	ISO 178	MPa	120
Charpy Impact Strength		Unnotched	ISO 179
		Notched	ISO 179
		kJ/m ²	2
		kJ/m ²	2
Thermal Properties¹			
Heat Deflection Temperature	ISO 75-1,2		
		1.80MPa	°C
		0.45MPa	°C
Vicat Softening Temperature	ISO 306	50°C/h 50N	118
Flammability	UL 94	-	V-1 (1.6mm)

¹ 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.

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Issued 9-1-13