

Product Information

Product Characteristics

- Non-Halogen
- Injection Molding
- 10% Filler Reinforced

Properties	Test Method	Unit	Typical Values				
Physical Properties¹							
Density	ISO 1183	kg/m ³	1,270				
Mold Shrinkage	In House Method	% Parallel	0.4-0.6				
		% Across	0.5-0.7				
Mechanical Properties¹							
Tensile Modulus 1mm/min	ISO 527	MPa	3,900				
Tensile Yield Stress 50mm/min	ISO 527	MPa					
Flexural Modulus 2mm/min	ISO 178	MPa	3,800				
Flexural Strength 2mm/min	ISO 178	MPa	100				
Charpy Impact Strength							
				Unnotched	ISO 179	kJ/m ²	NB
				Notched	ISO 179	kJ/m ²	9
Thermal Properties¹							
Heat Deflection Temperature	ISO 75-1,2						
				1.80MPa	°C	91	
				0.45MPa	°C	103	
Vicat Softening Temperature	ISO 306	50°C/h 50N	105				
Flammability	UL 94	-	V-1 (1.0mm)				
	UL 94		V-0 (1.3mm)				

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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