

Product Information

Product Characteristics

- Injection Molding Grade
- High Heat Resistant
- Good Dimensional Stability

Properties	Test Method	Unit	Typical Values		
Physical Properties¹					
Density	ISO 1183	kg/m ³	1,140		
Mold Shrinkage	In House Method	% Parallel	0.5-0.7		
		% Across	0.5-0.7		
Mechanical Properties¹					
Tensile Modulus 1mm/min	ISO 527	MPa	2,450		
Tensile Yield Stress 50mm/min	ISO 527	MPa	60		
Flexural Modulus 2mm/min	ISO 178	MPa	2,500		
Flexural Strength 2mm/min	ISO 178	MPa	90		
Charpy Impact Strength		Unnotched	ISO 179	kJ/m ²	NB
		Notched	ISO 179	kJ/m ²	80
Thermal Properties¹					
Heat Deflection Temperature	ISO 75-1,2				
		1.80MPa	°C	105	
		0.45MPa	°C	123	
Vicat Softening Temperature	ISO 306	50°C/h 50N	121		
Flammability	UL 94	-	HB (0.8mm)		

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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