

Product Information

Product Characteristics

- Non-Halogen Type
- injection Molding
- High Rigidity

Properties	Test Method	Unit	Typical Values
Physical Properties¹			
Density	ISO 1183	kg/m ³	1,250
Mold Shrinkage	In House Method	% Parallel	0.4-0.6
		% Across	0.4-0.6
Mechanical Properties¹			
Tensile Modulus 1mm/min	ISO 527	MPa	3,900
Tensile Yield Stress 50mm/min	ISO 527	MPa	57
Flexural Modulus 2mm/min	ISO 178	MPa	3,800
Flexural Strength 2mm/min	ISO 178	MPa	90
Charpy Impact Strength		Unnotched	ISO 179
		Notched	ISO 179
		kJ/m ²	NB
		kJ/m ²	15
Thermal Properties¹			
Heat Deflection Temperature	ISO 75-1,2		
		1.80MPa	°C
		0.45MPa	°C
Vicat Softening Temperature	ISO 306	50°C/h 50N	93
Flammability	UL 94	-	V-1 (1.0mm)
	UL 94		V-0 (1.1mm)
	UL 94		5VB (2.0mm)
	UL 94		5VA (3.0mm)

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.