

Property	Test Condition	Test Method ISO	Units	Reinforced	
				Low warpage, Heat cycle resistance, (GF+GS)35%	
				1158W	
				>PBT+P-(GF+GS)35<	
Physical property					
Water Absorption	24hrs. in 23℃ water	ISO62	%	0.08	
Density	23℃	ISO1183	kg/m ³	1490	
Mechanical property					
Tensile strength	23℃	ISO527-1,2	MPa	90	
Elongation at Break	23℃	ISO527-1,2	%	3.1	
Flexural Strength	23℃	ISO178	MPa	146	
Flexural Modulus	23℃	ISO178	GPa	7.8	
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	10.2	
Heat property					
Coef of Linear Thermal Expansion	-30~100℃	ISO11359-2	×10 ⁻⁵ /℃	4	
Heat Deflection Temp High Load	1.82MPa	ISO75-1,2	℃	200	
Flammability		UL94	rank/thickness mmt	HBEquivalent	
Molding property					
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	0.4	
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	0.8	

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

