

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.

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