



## ASTM Property

<b>TACOMA</b>	Grade	TC BN60
	Resin Type	PBT

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ASTM D792	Natural or representative color	-	1.31
Melt Flow Index	ASTM D1238	250°C, 2.16kg	g/10min	60
Mold Shrinkage(MD)	ASTM D955	Flow at 3.2mm(MD)	%	1.5 – 1.8
Mold Shrinkage(TD)	ASTM D955	X-Flow at 3.2mm(TD)	%	1.7 – 2.0
<b>Mechanica I</b>				
Tensile Strength at Yield	ASTM D638	5mm/min	kgf/cm <sup>2</sup>	550
Tensile Strain at break	ASTM D638	5mm/min	%	50
Tensile Modulus	ASTM D638	5mm/min	kgf/cm <sup>2</sup>	23500
Tensile Strength at break	ASTM D638	5mm/min	kgf/cm <sup>2</sup>	450
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	850
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	26500
Izod Impact Strength(notched)	ASTM D256	1/8 inch at 23° C	kgf-cm/cm	3.5
Rockwell Hardness	ASTM D785	R-Scale	-	186

<b>Flammability</b>				
Flammability	UL94	HB	mm	0.7

## NOTE

<sup>1</sup> **Physical Properties : these are not to be construed as specifications**