

# IM1301F

PBT

/ Flame Retardant

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## Properties

### Physical

Specific Gravity	ASTM D792	23	-
Mold Shrinkage	NPK Method	-	%

### Mechanical

Tensile Strength at yield	ASTM D638	1/8", 5mm/min	kg/cm <sup>2</sup>	1,200
Elongation at break	ASTM D638	1/8", 5mm/min	%	5
Flexural Strength	ASTM D790	1/8", 1.3mm/min	kg/cm <sup>2</sup>	1,600
Flexural Modulus	ASTM D790	1/8", 1.3mm/min	kg/cm <sup>2</sup>	90,000
IZOD (Notched) IZOD Impact Strength	ASTM D256	1/4", 23	kgcm/cm	5.5

### Thermal

Melt Flow Index	ASTM D1238	250 , 2.16kg	g/10min	20
Heat Deflection Temperature	ASTM D648	1/4", 4.6kgf/cm <sup>2</sup> 1/4", 18.5kgf/cm <sup>2</sup>		208

Data  
The listed values should be used for referential purpose only.



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