

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 ²	1,200
Elongation at break	ASTM D638	1/8", 5mm/min	%	5
Flexural Strength	ASTM D790	1/8", 1.3mm/min	kg/cm ²	1,600
Flexural Modulus	ASTM D790	1/8", 1.3mm/min	kg/cm ²	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 ² 1/4", 18.5kgf/cm ²		208

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



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