

PRODUCT INFORMATION

Metric & SI unit



3330GKF

- KEPEX 3330GKF is flame resistant and glass fiber 30% reinforced PBT.
- Flame resistance UL94 V-0 rating, high flow, good mechanical and thermal property.
- It is applicable to automotive, electrical, electronic and industrial parts.

Property	Test Method	Test condition	Units	Value
Thermal Property				
Melt Index Flow	ASTM D1238	250℃, 2.16kg	g/10min	29
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	℃	220
	ASTM D648	18.6kgf/cm ²	℃	210
Melting Point	DSC		℃	220
Flammability	UL94	0.8mm	–	V-0
Mechanical Property				
Tensile Strength	ASTM D638	23℃	kgf/cm ²	1,250
Elongation at Break	ASTM D638	23℃	%	2.5
Flexural Strength	ASTM D790	23℃	kgf/cm ²	1,900
Flexural Modulus	ASTM D790	23℃	kgf/cm ²	95,000
Izod Impact Strength	ASTM D256	23℃	Kgfc/cm	6.5
Rockwell Hardness	ASTM D785	23℃	R-scale	120
Others				
Specific Gravity	ASTM D792	23℃	–	1.68
Filler Contents	ASTM D5630	Furnace	%	30
Mold Shrinkage	ASTM D955	3t	%	0.4 ~ 0.7
Cylinder Temperature (Nozzle ~ Hopper)			℃	250 ~ 230
Mold Temperature			℃	40 ~ 100

Above values are typical properties and not to be construed as specification.
Properties are subject to change with a new knowledge and development.

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