

PRODUCT INFORMATION

Metric & SI unit



3300V

- KEPEX 3300V is unfilled non-blooming type flame retardant PBT.
- Good flame resistance, mechanical and thermal properties.
- It is applicable to flame resistance application of automotive, electrical and electronic parts.

Property	Test Method	Test condition	Units	Value
Thermal Property				
Melt Index Flow	ASTM D1238	250℃, 2.16kg	g/10min	35
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	℃	150
	ASTM D648	18.6kgf/cm ²	℃	50
Melting Point	DSC		℃	220
Flammability	UL94	0.8mm	–	V-0
Mechanical Property				
Tensile Strength	ASTM D638	23℃	kgf/cm ²	600
Elongation at Break	ASTM D638	23℃	%	10
Flexural Strength	ASTM D790	23℃	kgf/cm ²	950
Flexural Modulus	ASTM D790	23℃	kgf/cm ²	30,000
Izod Impact Strength	ASTM D256	23℃	Kgfc/cm	4.0
Rockwell Hardness	ASTM D785	23℃	R-scale	120
Others				
Specific Gravity	ASTM D792	23℃	–	1.44
Filler Contents	ASTM D5630	Furnace	%	–
Mold Shrinkage	ASTM D955	3t	%	1.8 ~ 2.5
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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