

PRODUCT INFORMATION

Metric & SI unit



3500SF

- KEPEX 3500SF is unfilled impact modified and medium melt flow PBT.
- Good toughness and high impact strength.
- 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	22
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	℃	140
	ASTM D648	18.6kgf/cm ²	℃	45
Melting Point	DSC		℃	220
Flammability	UL94	0.8mm	—	HB
Mechanical Property				
Tensile Strength	ASTM D638	23℃	kgf/cm ²	490
Elongation at Break	ASTM D638	23℃	%	50
Flexural Strength	ASTM D790	23℃	kgf/cm ²	750
Flexural Modulus	ASTM D790	23℃	kgf/cm ²	22,000
Izod Impact Strength	ASTM D256	23℃	Kgfc/cm	8.5
Rockwell Hardness	ASTM D785	23℃	R-scale	115
Others				
Specific Gravity	ASTM D792	23℃	—	1.28
Filler Contents	ASTM D5630	Furnace	%	—
Mold Shrinkage	ASTM D955	3t	%	1.8 ~ 2.2
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.

KOREA ENGINEERING PLASTICS CO., LTD.

Head Office Tel : 02-707-6832, Fax : 02-714-9235

Research Center Tel : 031-436-1300, Fax : 031-436-1301

Pyeongtaek Plant Tel : 031-691-3003, Fax : 031-691-3896