

Copolymer Polybutylene Terephthalate

ASPEX-PBT

A polybutylene terephthalate powder material developed as the world's first for 3D printer powder. Compared to Nylon 12, it has higher rigidity and lower water absorption, providing excellent dimensional stability.



● Key Characteristics

ASPEX-PBT has the highest insulation properties among thermoplastic resins and is also flame-retardant.

It has high friction and wear resistance, making it suitable for driving components requiring sliding properties.

It also has chemical resistance and long-term resistance to organic solvents, oils, and gasoline.

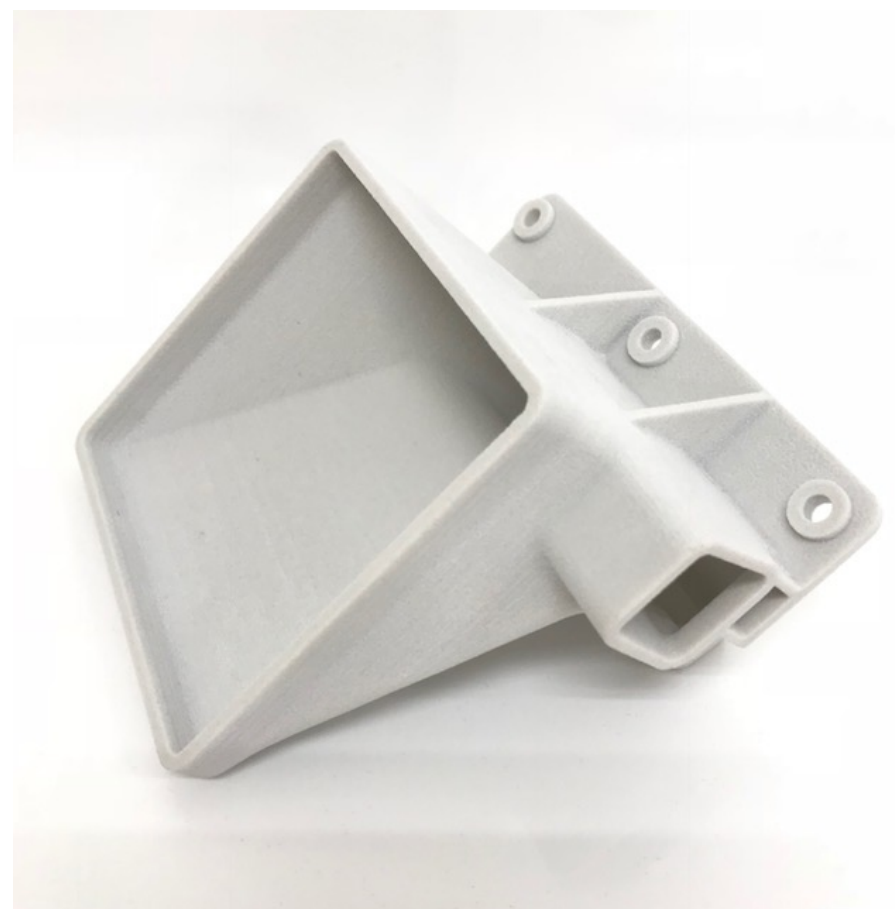
Chemical resistance / High insulation / High heat resistance / High rigidity

● Main Applications

Automotive engine room parts

covers for electrical and electronic device,

stool covers, connectors, switches, etc.



● Material properties

	Property values	Applicable standards
Maximum Tensile Stress	MPa	JIS K7161
Tensile Modulus	GPa	JIS K7161
Elongation at break	%	JIS K7161

Coming soon

The listed data is subject to change without prior notice.