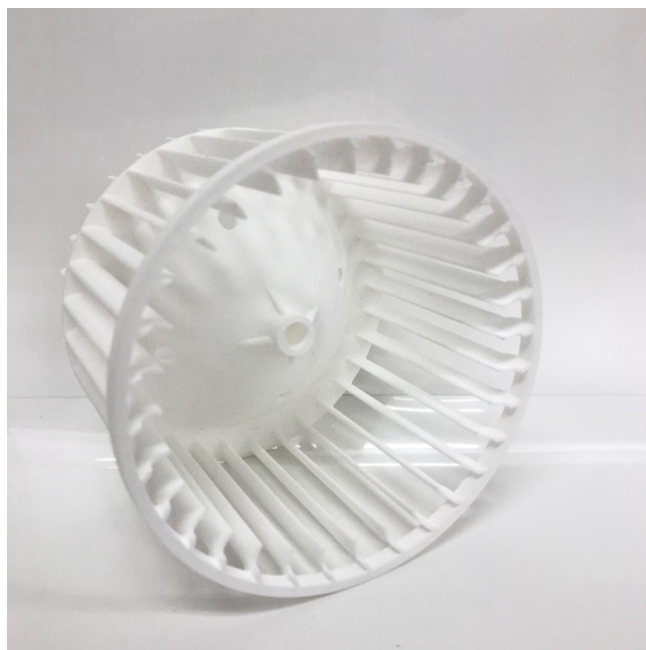


High-toughness type Nylon 12

# ASPEX-PA2Neo

Nylon 12 Powder Material with Enhanced Toughness.

This material is ideal for parts requiring strength in fitting areas and impact resistance. It is highly resistant to deformation and excess curing during the molding process, offering excellent shape reproducibility.



## ● Key Characteristics

ASPEX-PA2Neo features a slow cooling rate after molding, resulting in a lower shrinkage rate compared to other polyamides, which minimizes distortion and warping.

The surplus powder remaining after building is soft, making it easy to break and optimal for reproducing intricate shapes.

**Mechanical strength / Excellent toughness / High shape reproducibility**

## ● Main Applications

**Automotive interior and exterior parts**

**Electronic device enclosures**

**Housing-related components**

**Jigs, machinery tools, and fitting parts etc.**

## ● Material properties

	Property values	Applicable standards
Maximum Tensile Stress	<b>53MPa</b>	<b>JIS K7161</b>
Tensile Modulus	<b>2050MPa</b>	<b>JIS K7161</b>
Elongation at break	<b>10%</b>	<b>JIS K7161</b>

The listed data is subject to change without prior notice.

