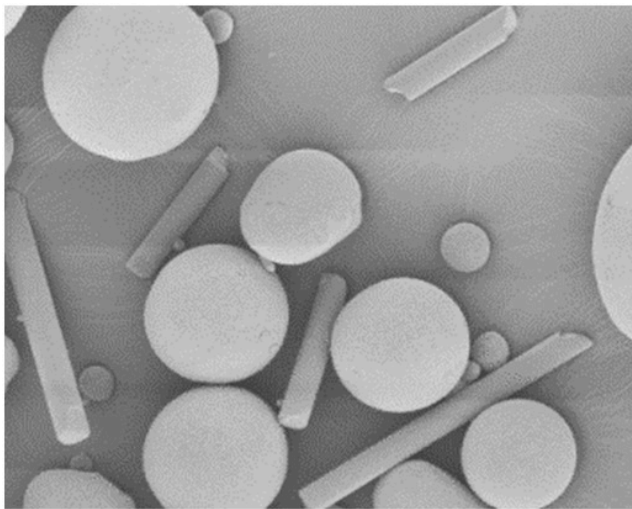


Glass Fiber-Reinforced Spherical Nylon 6

ASPHIA-PA6+GF

A powdered material made by mixing glass fiber into Nylon 6. Since the particles of Nylon 6 are spherical, the powder exhibits good flowability, resulting in molded products that are high in density and have excellent surface smoothness.



Particle shape photos

● Key Characteristics

ASPHIA-PA6+GF has excellent mechanical properties and airtightness due to its high density. The molded products demonstrate high durability and maintain their mechanical properties even in long-term durability tests at 110° C. It is also a material with high heat resistance.

High density / High durability / Heat resistance / Smooth surface finish

● Main Applications

Automotive parts, Defense industry-related components

Aerospace-related digital spare parts (spare parts, air conditioning components, fans, etc.)

Agricultural machinery tools, Pumps, Impellers etc.



● Material properties

	Property values	Applicable standards
Maximum Tensile Stress	64MPa	JIS K7161
Tensile Modulus	6300MPa	JIS K7161
Elongation at Break	3%	JIS K7161

The listed data is subject to change without prior notice.