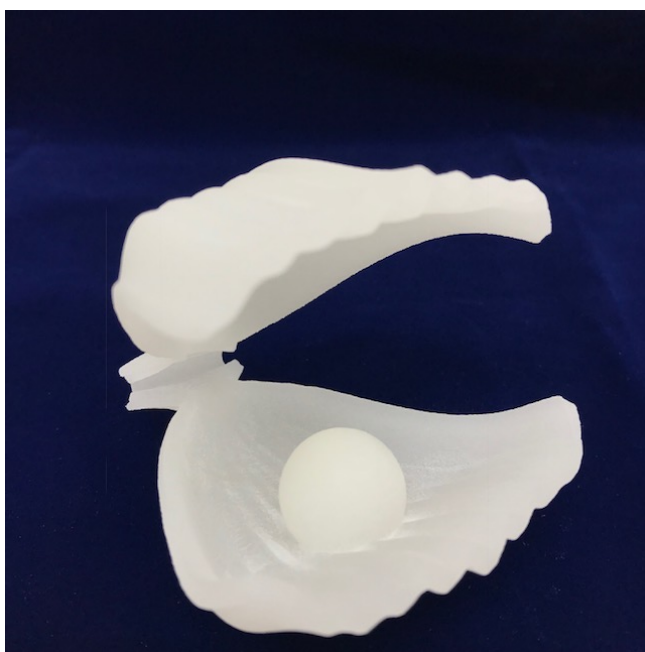


Polypropylene

ASPHIA-PP

ASPHIA-PP is a real polypropylene powder material, not a polypropylene-like substitute.

It offers good recyclability and cost performance. Excellent chemical resistance and has a track record in manufacturing final products for medical devices and prototyping automotive interior parts.



● Key Characteristics

ASPHIA-PP is characterized by its excellent flexibility and toughness, making it highly stretchable and resistant to cracking. It is strong against repeated bending and has excellent hinge properties and chemical resistance (acid, alkali, etc.).

Excellent flexibility / Excellent toughness / High elongation at break / Chemical resistance

● Main Applications

Medical device parts(Final products), Medical exterior fittings, Automotive interior parts such as pillars and door panels, Design evaluation models, Impact resistance models, Home appliance housings, Functional evaluation models, Exterior parts such as air spoilers, Hinge components, Pallets, Bumpers, etc.

● Material properties

	Property values	Applicable standards
Maximum Tensile Stress	21MPa	JIS K7161
Tensile Modulus	775MPa	JIS K7161
Elongation at break	500%	JIS K7161



The listed data is subject to change without prior notice.