

ULTRAPRINT **TOOLING**

PAE10 Elastic Tooling Resin (silicone-like)

PAE10 possesses excellent elasticity, with a high energy rebound rate and high elongation at break, making it resistant to bending and breaking.

This Shore 49A resin is ideal for prototyping silicone-based parts, including model accessories, industrial components, and medical anatomical models.



433% Elongation
at Break



Excellent printability



Silicone-like



Easy to wash during
post-processing

Color

Translucent

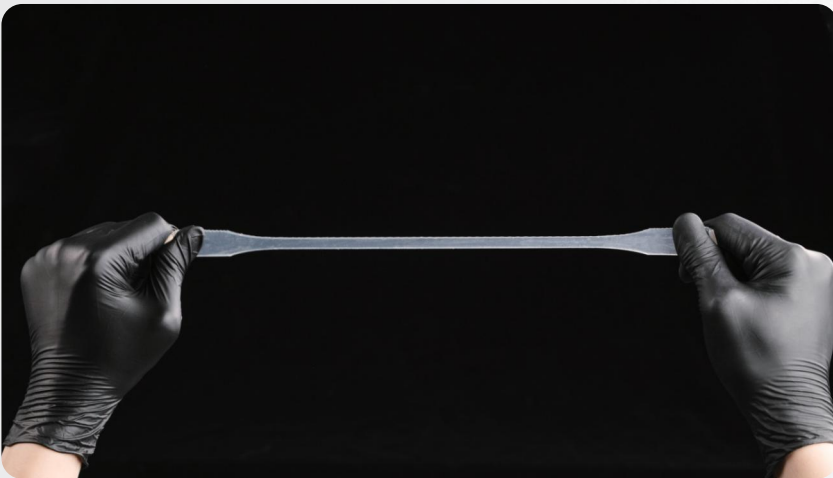
Specifications

1000g/Bottle

Basic Performance¹

	Property	Standard	Results	Unit
Toughness	Elongation at Break	ASTM D412	433	%
Strength	Tensile Strength	ASTM D412	1.4	Mpa
	Tearing Strength	ASTM D624	5.8	kN/m
Others	Hardness	ASTM D2240	49	Shore A
	Viscosity	ASTM D4212	2420	mPa·s
Additional Passed Tests	Damp Heat Test	IEC 60068-2-78	✓	/

Exceptional Results



Excellent elasticity

Sample Request



¹Data from HeyGears Lab. The material results are the average values from testing, with a deviation of ±10%.