

ULTRAPRINT **MODELING**

PAS10 Standard Modeling Resin

PAS10 is the most cost-effective option in the UltraPrint resin family. It offers high printability, enabling a 25° support critical angle so fewer supports are required.

Its matte finish delivers smooth, layer-free surfaces, making it perfect for prototyping, models, and small batch production.



Excellent printability



No visible layer lines



±0.05 mm printed part tolerance



Rapid post-curing

Color

Pale Purple

Specifications

1000g/Bottle

Basic Performance¹

	Property	Standard	Results	Unit
Toughness	Impact Strength (Notched)	ASTM D256	32	J/m
	Elongation at Break	ASTM D638	16	%
	Work of Fracture	ISO 20795.1	3200	J/m ²
Stiffness	Tensile Modulus	ASTM D638	1400	MPa
	Flexural Modulus	ASTM D790	1630	MPa
Strength	Tensile Strength	ASTM D638	45	MPa
	Flexural Strength	ASTM D790	79	MPa
Thermal Resistance	Heat Deflection Temperature @0.455 MPa	ASTM D648	51 (123.8)	°C (°F)
Others	Hardness	ASTM D256	81	Shore D
	Water Sorption	ASTM D570	1.2	%
	Viscosity	ASTM D792	531	mPa · s
Additional Passed Tests	UV Light Aging Test ²	ASTM G154	200	h
	Damp Heat Test	IEC 60068-2-78	✓	/

Exceptional Results



Excellent printability



No visible layer lines

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

² Equivalent to 3 years of indoor use, the material's properties degrade by less than 30%, with a non-significant color change ($\Delta E < 2$) and a dimensional deviation of ±0.1 mm.

*Special thanks to the fantastic model designers Black Forge Games (blackforgegames.co.nz/) and 33 变模玩.

Sample Request

