

ULTRAPRINT **PRODUCTION**

PAF10 Flexible Production Resin (PVC-like)

PAF10 Volcanic Gray is a flexible, PVC-like resin with excellent breakage resistance and strong anti-aging properties. It produces smooth surfaces with invisible layer lines, making it ideal for figurines and miniatures.

PAF10 Clear offers high transparency, excellent printability, and reliable performance for figures, consumer electronics, and industrial prototypes.



Impressive bendability



1% water sorption*



82% light transmittance*



0.08 mm smallest convex detail



Non-yellowing over long-term use and storage

Color

Volcanic Gray ●

Clear ○

Specification

1000g/Bottle

*Test data for PAF10 Clear resin. Model Created by DM Stash.

Basic Performance¹

	Property	Standard	Results (Volcanic Gray)	Results (Clear)	Unit
Toughness	Impact Strength (Notched)	ASTM D256	52	30	J/m
	Elongation at Break	ASTM D638	46	34	%
	Work of Fracture	ISO 20795.1	5390	4780	J/m ²
Stiffness	Flexural Modulus	ASTM D790	930	1200	MPa
Strength	Tensile Strength	ASTM D638	28	32	MPa
	Flexural Strength	ASTM D790	39	40	MPa
Thermal Resistance	Heat Deflection Temperature @0.455 MPa	ASTM D648	38 (100.4)	40 (104)	°C (°F)
Others	Hardness	ASTM D2240	75	75	Shore D
	Water Sorption	ASTM D570	1.6	1	%
	Viscosity	ASTM D4212	550	700	mPa · s
Additional Passed Tests	Damp Heat Test	IEC 60068-2-78	✓	✓	/

Exceptional Results



Resistant to Damage from Repeated Bending



High Transparency

Sample Request



*Special thanks to the fantastic model designers: RedMakers.

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