

ULTRAPRINT **MODELING**

PAWW10 Water Washable Resin

PAWW10 is a low viscosity, easy-to-print resin with an ultra-low water sorption rate of 2.9%. This makes it less likely to warp or peel in high humidity. It can be thoroughly cleaned in just 3 minutes of rinsing in water*. This resin is easy to print and process, making it suitable for prototyping, miniatures, and figurine model production.



2.9% water sorption

Easy final curing
in 5 minutesCleaned in 3 minutes
with water rinsing

High detail reproduction

Color

Ash Grey ●

Specifications

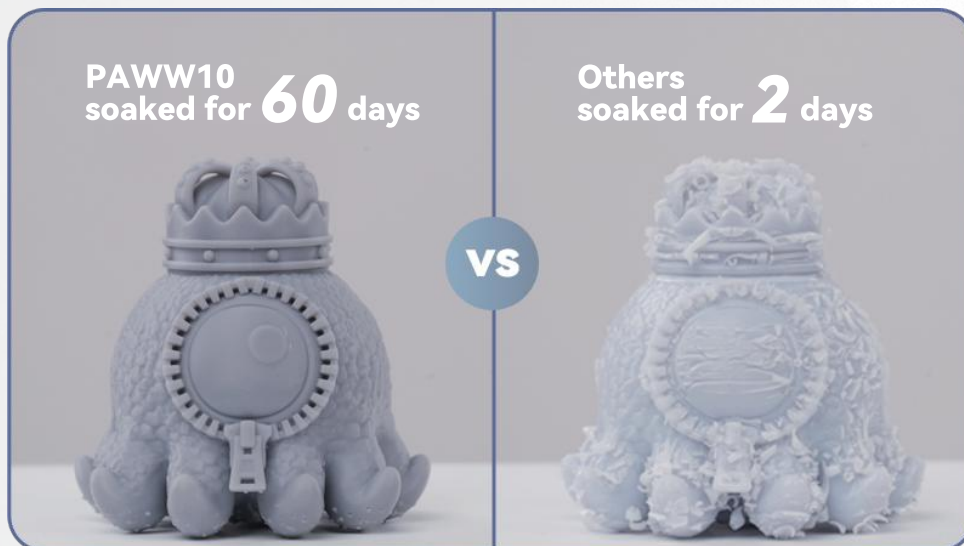
1000g/Bottle

*Do not discharge wastewater directly into the sewer to avoid groundwater contamination. After evaporating the wastewater, cure the resin residue with the Cure unit or sunlight before disposal.

Basic Performance¹

	Property	Standard	Results	Unit
/	Water Sorption	ASTM D570	2.9	%
Toughness	Impact Strength (Notched)	ASTM D256	18	J/m
	Elongation at Break	ASTM D638	10	%
	Work of Fracture	ISO 20795.1	2300	J/m ²
Stiffness	Tensile Modulus	ASTM D638	1300	MPa
	Flexural Modulus	ASTM D790	1850	MPa
Strength	Tensile Strength	ASTM D638	46	MPa
	Flexural Strength	ASTM D790	80	MPa
Thermal Resistance	Heat Deflection Temperature @0.455 MPa	ASTM D648	52 (125.6)	°C (°F)
Others	Hardness	ASTM D2240	84	Shore D
	Viscosity	ASTM D4212	52	mPa · s
Additional Passed Tests	Damp Heat Test	IEC 60068-2-78	✓	/

Exceptional Results



Sample Request



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

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