

SLA · RESIN

General-Purpose Resin — Somos GP Plus

Resin

Opaque white low-viscosity SLA resin mimicking ABS/PBT — smooth, accurate and waterproof for master patterns and appearance models.


35 MPa

TENSILE

36 %

ELONGATION

79

SHORE D

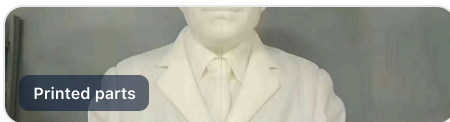
46 °C

HEAT DEFLECTION @0.46 MPA

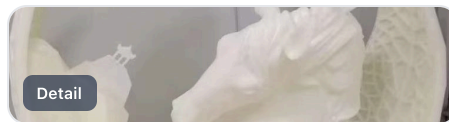
MATERIAL OVERVIEW

Opaque white low-viscosity SLA resin mimicking ABS/PBT — smooth, accurate and waterproof for master patterns and appearance models.

PRINTED IN THIS MATERIAL



Printed parts



Detail



Application

HIGHLIGHTS

- **Flexural:** 67 MPa
- **Flexural modulus:** 2178-2222 MPa
- **Izod impact:** 23-29 J/m
- **Heat deflection @1.8 MPa:** 41 °C

IDEAL APPLICATIONS

[Master patterns for vacuum casting](#)
[Functional prototypes](#)
[Snap-fit assemblies](#)
[Appliance / automotive / electronics appearance models](#)

MECHANICAL PROPERTIES

PROPERTY	VALUE	UNIT
Tensile	35	MPa
Elongation	36	%
Flexural	67	MPa
Flexural modulus	2178-2222	MPa
Shore D	79	
Izod impact	23-29	J/m

PHYSICAL & THERMAL

PROPERTY	VALUE	UNIT
Heat deflection @0.46 MPa	46	°C
Heat deflection @1.8 MPa	41	°C
Water absorption	0.4	%


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