

MPC12

Material for the SLA process

Technical Data Sheet

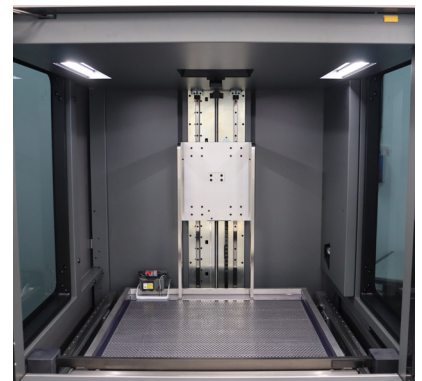
Features, benefits and applications

- Clear material with excellent clarity
- Ideal for functional prototypes
- Great for snap fits and assemblies
- Water resistant
- Low differential shrinkage
- Excellent sidewall quality
- Suitable for flow visualisation applications

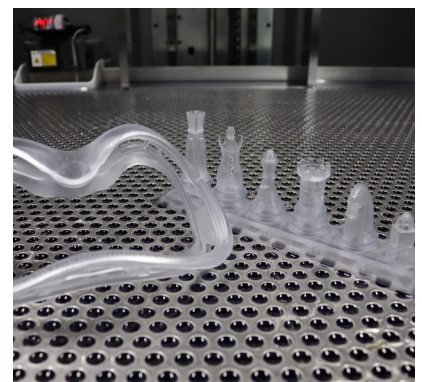


Machines

- Available on NEO800 SLA machine



Post-Cured Material		
Measurement	Condition	Metric
Tensile Strength	ASTM D 638	50-56 MPa
Tensile Modulus	ASTM D 638	2700-2920 MPa
Flexural Modulus	ASTM D 790M	1956 MPa
Flexural Strength	ASTM D 790M	69.28 MPa
Elongation at Break	ASTM D 638	8-15%
Impact Strength	ASTM D 256	2.05 KJ/m ²
Heat Deflection Temperature	ASTM D 648 @ 0.45 MPa	49°C
Colour	-	Clear
Solid Density	@ 25°C	1.1g/cm ³



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