

P-INNOSELF® 1

Discover the diverse SMPs that can be applied to your product.



P-INNOSELF®(from TMD LAB) is an advanced 3D printing material known for its versatile features, especially its shape-memory capabilities. we provide different types of P-INNOSELF suited for various uses.

P-INNOSELF® 1 is designed specifically for dental devices, boasting exceptional biocompatibility. This formulation guarantees transparent outputs, significantly enhancing aesthetic outcomes. Moreover, its unique shape memory function enhances user convenience and operational efficiency.



Key Points

- Transparent
- Shape memory function
- Easy to use
- Bio-compatible

P-INNOSELF® 1 | Shape Memory Clear Aligner

Properties	Data	Properties	Data
UV wavelength	365-405 nm	Elongation at break	50-150%
Density	1.05-1.25g/cm ³	Molding Shrinkage	4.3-5.6%
Viscosity	400-600 cP@Pa·s	Flexural Strength	40-60 MPa
Hardness	70-85D	Flexural Modulus	1000-2000 MPa
Tensile Strength	20-40 MPa	Heat Deflection Temp.	50-60°C
Bottom Exposure Time	20-40s	Resin Wash	Alcohol, Distilled water
Normal Exposure Time	4-6s	Shelf Life	1 Year

- Detailed properties will be specifically developed to meet unmet needs from the customers.