

BSM 3D Printer Material



Implant Model Resin



Diagnostic Model Resin



Surgical Guide Resin



Gingiva Resin



Duraflex Temporary Crown Resin

Implant Model Resin

- Ultra-high Accuracy:** Ideal for implant diagnostics & planning.
- TPO-free:** Safe, biocompatible for clinical use.
- Dimensional Stability:** Keeps shape reliably.
- Implant-Optimized:** Designed for implant & prosthetic workflows.

Color	Grey
Shrinkage	0.2%
Ultimate Flexural Strength	86 MPa
Flexural Modulus	2500 MPa
Shore Hardness	82D
Print Quantity	Up to 35 jaws



Diagnostic Model Resin

- Balanced Accuracy:** Perfect for restorative & orthodontic cases.
- TPO-free:** Safe, biocompatible for clinical use.
- Smooth Surface:** Clear, detailed diagnostics.
- Cost-effective:** Great for high-volume model production.

Color	Yellow
Shrinkage	0.2%
Ultimate Flexural Strength	56 MPa
Flexural Modulus	1750 MPa
Shore Hardness	82D
Print Quantity	Up to 35 jaws



Surgical Guide Resin

- High Stability & Strength:** Resists deformation & cracking.
- TPO-free:** Biocompatible for surgical use.
- Low Odor:** Comfortable & non-irritating.

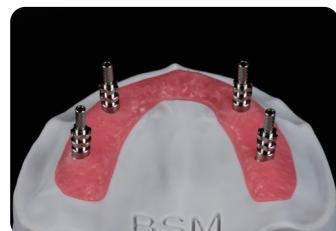
Color	Transparent
Shrinkage	0.2%
Ultimate Flexural Strength	75 MPa
Flexural Modulus	2250 MPa
Notched Izod	26 J/m
Printing Time	About 20 min
Print Quantity	Up to 90 Surgical guides



Gingiva Resin

- High Surface Dryness:** Non-sticky finish, easy post-processing.
- Tear-resistant:** Withstands repeated placement.
- Low Odor:** Gentle & low-irritation.

Color	Red
Tensile Strength	3.2 MPa
Tear Strength (die cut)	8.9 kN/m
Shore Hardness	55 A
Liquid Density	1.105 g/cm ³
Printing Time	About 20 min
Print Quantity	Up to 490 gingiva



Duraflex Temporary Crown Resin

- High Precision:** Accurate margins & excellent fit.
- Fast Printing:** Speeds chairside workflows.
- High wear-resistant:** Durable under occlusion.
- Odorless:** Comfortable for clinicians & patients.
- Natural Aesthetics:** Tooth-like shade & stable color.

Color	A1, A2, A3
Shrinkage	0.2%
Tensile Strength	>80 MPa
Printing Time	About 20 min
Notched Izod	50 J/m
Print Quantity	More than 1000 single crowns

