

SS01



Splint Soft Resin

Splint Soft is an ideal choice for printing soft splint with perfect performance in transparent, morphology, occlusion, etc. This material is featuring in TPO-free, MMA&THF-MA free, which is even safer for sensitive users. The high tensile strength, optimum elongation, high flexural strength with low water absorption paired with CEL HyperClear system offering excellent transparency for different applications, such as splint, nightguards, etc. Splint Soft has been tested with real anti-aging performance and resulted in high performance >98% industry leading accuracy and high degree of shrinkage control.

Printed splints is a real polish free material with high gloss.

SS01 is recommended to place at room temperature 23±2 in the retainer storage box.



- TPO-free
- MMA & THF-MA free
- Polish-free using HyperClear system
- Transparent, high flexural strength, high tensile strength

■ Physical Properties - Liquid Status

Colour	Transparent
Viscosity	1050
Wavelength	405nm

■ Mechanical Properties - Post Cured Parts

Property	Value	Reference/Standard
Ultimate flexural strength	> 5 MPa	ISO 20795-2
Flexural modulus	> 200 MPa	ISO 20795-2
Tensile strength	> 23 MPa	ISO 527
Elongation at break	> 90%	ISO 10477, ISO 4049
Biocompatible	Comply	ISO 10993-1

Post Processing	Value
Cleaning time with 95% ethanol	Manual cleaning 20 secs
Recommended curing time	Fabcare 1/1S: 10min Fabcare 2: 5min