

SS01



Splint Soft Resin

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

Printed splints are a real polish-free material with high gloss.

SS01 is recommended to be placed 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

| | |
|------------|-------------|
| Color | 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 | Fabcrete 1/1S: 10min Fabcrete 2: 5min |