

SS01



Splint Soft Resin

Splint Soft SS01 is an ideal choice for printing soft splint with perfect performance in transparent colour, morphology, occlusion, etc. This material has features including high tensile strength, optimum elongation and high flexural strength with low water absorption. Transparent colour allows for different applications, such as splint, nightguards, etc.

SS01 is recommended to place at room temperature 23 ± 2 with humidity $< 70\%$



→ 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