

RODIN Splint 2.0

Technical Data Sheet

Property	Result*	Testing Protocols
Viscosity	600 - 900 cP	25 °C
Flexural Strength	65 - 79 MPa	ASTM D790-10
Flexural Modulus	850 - 1090 MPa	ASTM D790-10
Tensile Strength	52 - 62 MPa	ASTM D638-10
Tensile Modulus	400 - 521 MPa	ASTM D638-10
Hardness	≥ 90 Shore D	ASTM D2240
Water Solubility	< 1 µg/mm ³	ISO 4049: 2019
Water Sorption	< 15 µg/mm ³	ISO 4049: 2019
Layer Thickness	50 µm	N/A
Wavelength	385/405 nanometer	N/A
Biocompatibility	Non-Cytotoxic - Comply	ISO 10993-1
Biocompatibility	Non-Mutagenic - Comply	ISO 10993-1
Biocompatibility	Sensitivity - Comply	ISO 10993-1

* post-processing in Otofash for 5000 flashes