

RODIN SPLINT 2.0 - FLEXISPLINT

Technical Data Sheet

Property	Result*	Testing Protocols
Viscosity	800 - 1100 cP	25 °C
Flexural Strength	18 - 32 MPa	ASTM D790-10
Flexural Modulus	276 - 393 MPa	ASTM D790-10
Tensile Strength	28 - 40 MPa	ASTM D638-10
Tensile Modulus	198 - 286 MPa	ASTM D638-10
Elongation	60% - 85%	ASTM D638-10
Hardness	70 - 90 Shore A	ASTM D2240
Water Solubility	< 1 µg/mm ³	ISO 4049: 2019
Water Sorption	< 20 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 Otoflash for 5000 flashes