

RODIN Surgical Guide

Technical Data Sheet

Property	Result*	Testing Protocols
Viscosity (cP)	400 - 800	25 °C
Flexural Strength (MPa)	120 - 132	ASTM D790-10
Flexural Modulus (MPa)	2038 - 2716	ASTM D790-10
Tensile Strength (MPa)	100 - 105	ASTM D638-10
Tensile Modulus (MPa)	542 - 684	ASTM D638-10
Hardness	≥ 95 Shore D	ASTM D2240
Water Solubility (µg/mm3)	< 1	ISO 4049: 2019
Water Sorption (µg/mm3)	< 15	ISO 4049: 2019
Layer Thickness (µm)	50	N/A
Wavelength (nm)	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