

RODIN Model TAN

Technical Data Sheet

Property	Result*	Testing Protocols
Viscosity	600 - 900 cP	25 °C
Flexural Strength	95 - 120 Mpa	ASTM D790-10
Flexural Modulus	4119 - 5936 MPa	ASTM D790-10
Tensile Strength	70 - 80 MPa	ASTM D638-10
Tensile Modulus	512 - 672 MPa	ASTM D638-10
Hardness	≥ 98 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