

NextDent Denture 3D+

Specifications

Property	Requirement	Result	ISO standard
Ultimate flexural strength	≥ 65 MPa	84	ISO 20795-1
Flexural modulus	≥ 2000 MPa	2383	ISO 20795-1
Sorption	≤ 35 $\mu\text{g}/\text{mm}^3$	28	ISO 20795-1
Solubility	$\leq 3,0$ $\mu\text{g}/\text{mm}^3$	0,1	ISO 20795-1
Residual monomer	$\leq 2,2$ % (w/w)	< 0,1	ISO 20795-1
Biocompatibility	Non-cytotoxic	Comply	ISO 10993-1
Biocompatibility	Non-mutagenic	Comply	ISO 10993-1
Biocompatibility	Not induce any erythema or edema reactions	Comply	ISO 10993-1
Biocompatibility	Not a sensitizer	Comply	ISO 10993-1
Biocompatibility	Not cause systemic toxicity	Comply	ISO 10993-1

The material is available in 1 Kg containers.