

### Pac-Dent RODIN 3D Resin Technical Data

	NexDent	PD	Zenith	PD	NexDent	PD	PD	PD
	Denture Base	Denture Base	Surgical Guide	Surgical Guide	Ortho Clear	Ortho Clear	TRY-IN	In-Direct Bonding Tray
Medical Device Class	II	II	I	I	I	I	I	I
L/N	XH382N01	1902031	ZCL0171207A29	1903007	XK513N03	1902015	1902016	1902030
Viscosity 23C (cps)	1250	600	1700	750	1275	1380	470	850
Shore Hardness ASTM D2240	87D	92D	89D	94D	94D	94D	90D	88A
Flex <b>Str</b> MPa (SD) ISO 20795-1	75.6 (1.3)	84.9 (2.7)	77.5 (1.6)	99.8 (1.3)	83.5 (3.1)	101.2 (5.6)	76.4 (5.9)	n/a
Flex <b>Mod</b> MPa (SD) ISO 20795-1	4683 (198)	5296 (546)	2812 (414)	4357 (596)	2683 (265)	4910 (470)	6407 (449)	n/a
Biocompatibility Non-cytotoxic (ISO 10993-1)	pass	pass		pass	pass	pass	pass	pass
Biocompatibility Non-mutagenic (ISO 10993-1)	pass	pass		pass	pass	pass	pass	pass
Biocompatibility Not a sensitizer (ISO 10993-1)	pass	pass		pass	pass	pass	pass	pass
Biocompatibility Not induce any erythema (ISO 10993-1)	pass	pass						
Biocompatibility Not cause systemic toxicity (ISO 10993-1)	pass	pass						