



xDENT341-Beige

A high-resolution material designed for 3D printing removable die models with incredible accuracy and great dimensional stability. For this application, proper fit is key, and with xDENT341-Beige, you can easily print removable die models exhibiting precise margins and contacts to deliver highly-accurate custom prosthodontic treatments like crowns, bridges, and other implants.



Properties

Mechanical Properties	Method	xDENT341-Beige
Tensile Stress at Break	ASTM D638	40.83MPa
Young's Modulus	ASTM D638	1860.28MPa
Elongation at Failure	ASTM D638	2.69%
Other Properties		
Shore Hardness (solid)	ASTM D2240	84 Shore D
Viscosity @ 25°C (77°F)	Cone/Plate Rheometer	100-200 mPa*s (cP)
Liquid Density	ASTM D4052-18a	1.05~1.1g/cm ³

*Results based on validated workflow

Validated Workflows

Exposure Parameters	NexaX default
Wash	2 minutes, Isopropyl Alcohol and let dry
Cure (XiP Wash + Cure)	2 cycles, 15 minutes each side, ambient temperature
Cure (xCURE)	1 cycle for 30 minutes, ambient temperature

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