



## xDENT201-Gray

A high-resolution material designed for ultrafast production of orthodontic models. Showcasing great accuracy and dimensional stability, xDENT201-Gray is your material of choice when printing models in high volumes for aligner manufacturing or other orthodontic modeling needs. This matte gray resin provides excellent visibility to fine feature details, and you can print a full build of flat models in 20 minutes.



### Properties

Mechanical Properties	Method	xDENT201-Gray
Tensile Stress at Break	ASTM D638	54.92MPa
Young's Modulus	ASTM D638	2366.65MPa
Elongation at Failure	ASTM D638	4.03%
Other Properties		
Shore Hardness (solid)	ASTM D2240	80Shore D
Viscosity @ 25°C (77°F)	Cone/Plate Rheometer	350 mPa*s (cP)
Liquid Density	ASTM D4052-18a	1.05~1.1g/cm <sup>3</sup>

\*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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