

Figure 4 Materials Portfolio

	Figure 4 Standalone	Figure 4 Modular	Figure 4 Production	NextDent 5100
				
RIGID				
Figure 4 PRO-BLK 10 Production-grade additive manufacturing material with game-changing thermoplastic-like mechanical properties and long-term environmental stability for tool-less, high-speed production of precision plastic parts	✓	✓	✓	
Figure 4 TOUGH-BLK 20 A functional high performance prototyping material with exceptional surface finish, durability and industry-leading environmental stability	✓	✓	✓	
Figure 4 TOUGH-GRY 10 High speed, rigid dark gray material for fast prototyping	✓	✓	✓	
Figure 4 TOUGH-GRY 15 Economical, rigid, tough gray material	✓	✓	✓	
DURABLE				
Figure 4 FLEX-BLK 10 Flexible, fatigue resistant material	✓	✓	✓	
Figure 4 FLEX-BLK 20 Durable, flexible, high impact, fatigue resistant material with long term environmental stability	✓	✓	✓	
Figure 4 RUBBER-BLK 10 High tear strength, malleable material for hard rubber-like parts	✓	✓	✓	
ELASTOMERIC				
Figure 4 ELAST-BLK 10 Elastomeric black for design and validation of rubber-like parts	✓	✓	✓	

Note: Not all products and materials are available in all countries – please consult your local sales representative for availability.

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

Figure 4 Materials Portfolio

	Figure 4 Standalone	Figure 4 Modular	Figure 4 Production	NextDent 5100
HIGH TEMPERATURE				
Figure 4 HI TEMP 300-AMB Industry-leading, ultra-high temperature (HDT over 300°C) rigid plastic suitable for the harshest thermal environments	✓	✓	✓	
BIOCOMPATIBLE				
Figure 4 MED-AMB 10 Translucent biocompatible, high temperature material with compatibility with medical grade sterilization protocols	✓	✓	✓	
Figure 4 MED-WHT 10 White biocompatible, high temperature material with compatibility with medical grade sterilization protocols	✓			
NextDent dental materials A portfolio of 30 CE-certified and biocompatible materials for a range of dental indications			✓	✓
CASTING / MOLDING				
Figure 4 EGGHELL-AMB 10 A process-optimized material for the production of sacrificial tooling for casting silicone and other materials	✓	✓	✓	
Figure 4 JCAST-GRN 10 Castable green material for jewelry applications	✓		✓	
CUSTOM MATERIALS (additional cost)				
3D Systems Applications Engineers will review your applications and determine feasibility of custom material development			✓	

Note: Not all products and materials are available in all countries – please consult your local sales representative for availability.

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.