

# SINTRATEC PA12 GF

## Material Data Sheet

Industrial-grade polyamide powder  
for parts with an exceptionally high  
stiffness and great impact strength



### MECHANICAL PROPERTIES

	Test Standard	Value (X / Y)	Value (Z)
Tensile Modulus [MPa]	ISO 527-2	2708	2620
Tensile Strength [MPa]		46	38
Elongation at Break [%]		4	3
Flexural Strength [MPa]	ISO 178	66	58
Flexural Modulus [MPa]	ISO 178	2174	2041
Shore D hardness	ISO 868	79	

*Presented results depend on part orientation, used system and printing parameters.*