



Technical Data Sheet

Print Your Mind 3D ABS

Specially formulated ABS resin for 3D printing with high flow and high gloss characteristics

Physical Properties	Test Method and Units	Value
Izod Notched Impact (1/4", 23°C)	ASTM D256 Kg-cm/cm	22
Tensile Strength at Yield (23°C)	ASTM D638 kg/cm ²	481
Flexural Strength at Yield (23°C)	ASTM D790 kg/cm ²	668
Flexural Modulus (23°C)	ASTM D790 ×104kg/cm ²	2.31
Rockwell Hardness (1/4", 23°C)	ASTM D785 R-Scale	112
Heat Distortion Temperature (1/4", 18.6 kg/cm ²)	ASTM D648 °C	87
Heat Distortion Temperature (1/4", 4.6 kg/cm ²)	ASTM D648 °C	94
Flammability	UL-94 -	HB(1.5)

Notes: The values presented are laboratory averages and may vary within a moderate range for 3D printed parts