



# PUSH PLASTIC

## Technical Data Sheet

### Push Plastic Premium ABS

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

<b>Mechanical Properties</b>	<b>Test Method and Units</b>	<b>Value</b>
Izod Notched Impact (1/4", 23°C)	ASTM D256 Kg-cm/cm	22
Tensile Strength at Yield (23°C)	ASTM D638 kg/cm2	481
Flexural Strength at Yield (23°C)	ASTM D790 kg/cm2	668
Flexural Modulus (23°C)	ASTM D790 ×104kg/cm2	2.31
Rockwell Hardness (1/4", 23°C)	ASTM D785 R-Scale	112
<b>Thermal Properties</b>		
Heat Distortion Temperature (1/4", 18.6 kg/cm2)	ASTM D648 °C	87
Heat Distortion Temperature (1/4", 4.6 kg/cm2)	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 specimens

\*This data is not intended to substitute for any testing you may need to determine the suitability of this material

for your uses