



# PUSH PLASTIC

## Technical Data Sheet Push Plastic PC (Poly-carbonate)

Physical Properties	Test Method	Value
<b>MECHANICAL</b>		
Tensile Strength (xy direction) Mpa	ISO 527-2 (Printed bar FFF)	63
Tensile Modulus (xy direction) Mpa	ISO 527-2 (Printed bar FFF)	2010
Elongation at Break (xy direction) %	ISO 527-2 (Printed bar FFF)	4%
<b>IMPACT</b>		
Izod Impact, yz direction kJ/m <sup>2</sup>	ISO 180 (printed bar FFF)	64
<b>THERMAL</b>		
Vicat softening temperature (50N; 50°C/h)	ISO 306 (printed bar FFF)	112 C
<b>PHYSICAL</b>		
Density (kg/m <sup>3</sup> )	ISO 1183-1	1200.00

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