



PLASTIKATRČEK

ASA technical data sheet

| RECOMMENDED PRINTING SETTINGS | VALUE | STANDARD |
|--------------------------------------|---------------------------|------------|
| Extruder temp. | 240-260°C | |
| Bed temp. | 100°C | |
| Fan speed | 0-30% | |
| Printing speed | 50 mm/s | |
| Mechanical properties | | |
| Tensile Yield Strength, | 410 kg/cm ² | ASTM D638 |
| Tensile elongation at Yield | >5% | ASTM D638 |
| Tensile Modulus | 17,600 kg/cm ² | ASTM D638 |
| Notched Izod Impact Strength (23 °C) | 35 kg.cm/cm | ASTM D256 |
| Rockwell hardness | 93 | ASTM D785 |
| Physical properties | | |
| Specific Gravity | 1,07 | ASTM D792 |
| Thermal properties | | |
| Vicat softening temperature | 94 °C | ASTM D1525 |

Additional info :

Printing temperature, bed temperature and printing speed can vary from printer to printer and also nozzle diameter.

Filament is used for FFF/FDM 3D printing.

Tend to absorb moisture from environment. Long exposure to moisture can develop printing problems if not sealed correctly.

Disclaimer: Plastika Trček d.o.o. does not carry any responsibilities for injury caused by our filaments.