

TECHNICAL DATE SHEET

THERMEC ZED

PROPERTIES

| PROPERTIES | VALUE | METOD AND CONDICTION |
|-----------------------|-----------------------------|---|
| PHYSICAL & MECHANICAL | Density | 1,27 g/cm3 |
| | Tensile strength | 60 Mpa |
| | Tensile Elongation | >20% |
| | Tensile Modulus | 2500 Mpa |
| | Charpy Impact, notched | 42.0 kJ/m2 |
| THERMAL | Heat Deflection Temperature | 105°C |
| | Melt Point | 280°C |
| | Flammability: | UL94 V-0 Class |
| | | ISO 1183 ISO 527 - 23°C ISO 527 - 23°C ISO 527 - 23°C ISO 179 - 23°C 1.82 MPa ISO 75 ISO 3146 |

SUGGESTED PRINTER SETTING

| | VALUE | UNIT |
|----------------------|--------------------|------|
| Extruder Temperature | 310 - 340 | °C |
| Print Speed | 30 -50 | mm/s |
| Bed Material | 80 - 100 | °C |
| Drying Temperature | 110 ° C for 4-6 hr | |

PRODUCT DETAILS & CERTIFICATION

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| Diameter | 1,75 mm 2,85 mm | Tollerance ± 0,05mm Tollerance ± 0,10mm |
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