



| SUGGESTED PRINT SETS (1) | | | |
|--------------------------|-------------------|---------|-------------|
| Suggested print sets | unit | value | test method |
| extruder temp | C° | 235-250 | internal |
| plate temp | C° | 30-60 | internal |
| min. nozzle diameter | mm. | 0,3 | internal |
| fan | % | 0-70 | internal |
| print speed | mm/l° | 30-40 | internal |
| PROPERTY | | | |
| Physical | | | |
| Specific gravity | g/cm3 | 0.96 | ISO 1183 |
| Mechanical | | | |
| Tensile modulus | MPa | 1450 | ISO 527 |
| Tensile stress at Yield | MPa | 30 | ISO 527 |
| Tensile strain at Yield | % | 7 | ISO 527 |
| Charpy impact (23°C) | kJ/m ² | 4.0 | ISO 179 |
| Charpy impact (-30°C) | kJ/m ² | 4.5 | ISO 179 |
| Thermal | | | |
| Vicat softening temp. | °C | 74 | ISO 306 |
| Hardness | | | |
| Shere hardness | D | 61 | ISO 868 |

Disclaimer

The above information is provide in good fact .Treedfilaments is not responsible for any processing which may occur to product finished articles , packaging materials and other .

Further Treedfilaments makes no warranty or representation of any kind regarding the information given or the product described and expressly disclaims all implied warranties , representations and conditions , including without limitation all warranties and conditions of quality , merchantability and suitability or fitness for particular purpose .



ADDITIONAL INFORMATIONS

In General filaments made with E-lene can be processed on conventional 3D printer using FDM / FFF technology.

E-lene is a PEHD developed for 3D printing, as all polyolefin no need to be dried before use.

Don't leave the filament inside the printer with hot extruder for more than 1 hour.

(1) Suggested print set merely represent a recommendation for general use . Every printer necessity a specific set , nozzle temp, bed temp, etc .

Disclaimer

The above information is provide in good fact .Treedfilaments is not responsible for any processing which may occur to product finished articles , packaging materials and other .

Further Treedfilaments makes no warranty or representation of any kind regarding the information given or the product described and expressly disclaims all implied warranties , representations and conditions , including without limitation all warranties and conditions of quality , merchantability and suitability or fitness for particular purpose .