fillamentum forMAKERS

SO LET'S CREATE EMOTIONS AWESOME

VERSION UPDATED IN 8/2024

3D PRINTING GUIDE

TIMBERFILL

Adhesive recommended | 0.6 mm Nozzle recommended | Dry before use it | Second life Sustainable spool

BASIC OVERVIEW

HARDNESS

IMPACT RESISTANCE

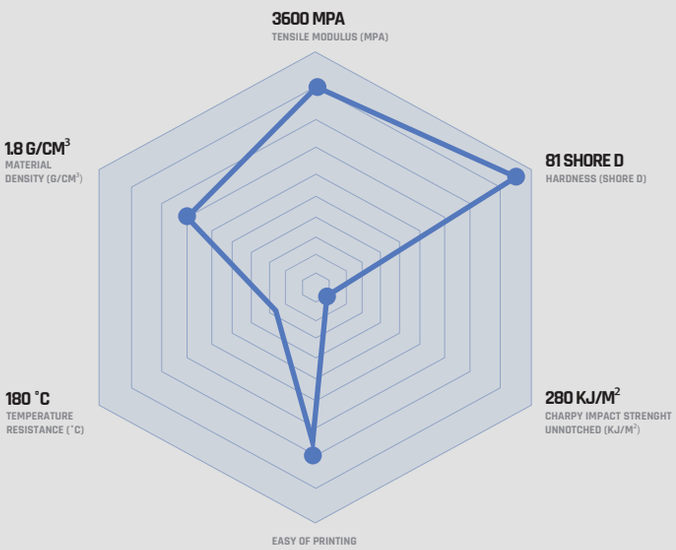
FLEXIBILITY

EASY OF PRINTING

WEATHER RESISTANCE

WEAR AND ABRASION RESISTANCE

DETAILED VIEW



BASIC NON HIGH-SPEED PRINTERS SETUP

Print Temp: 170 - 190 °C

Bed Temp: 40 - 55 °C

Printing Speed: 30 - 100 mm/s

Cooling Fan: 0 - 30 %

DISCLAIMER:

Speed: For optimal results, we advise against high-speed printing. Lower speeds tend to improve print quality and accuracy.

TIPS BEFORE YOU START

HEATED BED SURFACE:
PEI, mirror/glass

ADHESIVE:
Magigoo, 3Dlac, PVA glue

RAFT/SKIRT/BRIM:
Skirt / Brim 5 mm

HEATED CHAMBER/ ENCLOSURE:
Not needed

NOZZLE:
The minimum recommended size for our nozzles is 0.5 mm, using either hardened steel or ruby for durability. The optimal size is 0.6 mm. Brass nozzles wear out very quickly with our filament.

DRYING:
In case of moist material, re-dry it in appropriate device. The conditions to achieve optimal level of moisture are 50 °C for 3 - 4 hours. Processing of moist filament may cause degradation of polymer chains, brittleness,

STORAGE:
4 hours

RETRACTION SETTINGS:
Use higher retraction speed and distance. Z-Hop when retracted: Disabled! This is important for achieving the best results.poor layer adhesion, stringing, oozing etc.

DATASHEETS AND MORE... 24/7 AVAILABLE

ARE YOU MISSING THE RIGHT ANSWER?

CHOOSE THE PLACE YOU'D LIKE TO CONNECT WITH US.

CLICK FOR FILLA FILLA CHAT BOT — 24/7 INSTANT ANSWER

HELPDESK@FILLAMENTUM.COM — REACTION TIME 12 - 16 HOUR

CALL US IF YOU WANT +420 725 463 731 — BETWEEN 8 AM AND 4 PM CENTRAL EUROPEAN TIME.

WE GUARANTEE THE BEST QUALITY WITH CPK PROCESS MEASUREMENT.

At Fillamentum, we go beyond achieving a lower filament diameter. We focus on CPK (Process Capability Index) could be known as a Sigma within Industry. It is a crucial measure that ensures every spool of filament meets the highest standards. Here is Why CPK is essential for you and why it is more important than just diameter.

WE PROVIDE FILAMENT INSPECTION

All3DP RECOMMENDED | 3D Printing Industry Awards 2021 WINNER OF 2021 | 3D Printing Industry Awards Material Company of the Year NOMINATED