Vexi-Flexx70
TPU 70 Shore D

Thermoplastic Polyurethane (TPU) is elastic and melt-processable and can be colored through various processes. It is an extremely flexible material that is adaptable to many applications. TPU is a linear segmented block co-polymer composed of hard and soft segments. The soft segment can be either a polyether or polyester type, depending upon the application. Its range of physical properties enables TPU to be used as both a hard rubber and a soft engineering thermoplastic.

Vexi-Flexx70 is a Polyether-based TPU with a 70 Shore D hardness, excellent hydrolytic stability with good mechanical properties.

Features & Benefits
Low temperature flexibility
Good abrasion and tear resistance
Durable against microbial attack
Excellent hydrolysis resistance & stability
Good mechanical properties
Good general grade for FDM

Full Box Packaging
0.5 kg reels packaged 14 to a box
1 kg reels packaged 12 to a box
5 lb reels packaged 6 to a box

Each box contains the same material, size and color.
All filaments are vacuumed sealed with desiccant.

Tolerances
+ 0.003" / -0.003"

Available Sizes
1.75 mm
3 mm (Filament diameter measures 2.88 mm)

Recommended Printer Specifications
Optimal Print Temp: 230°C – 260°C
Optimal Bed Temp: 70°C – 100°C

Users
All users

Individual Packaging Stock
1 kg reels

On Request
0.5 kg reels
5 lb reels
10 lb reels (lead time maybe longer)
15 lb reels (lead time maybe longer)
30 lb reels (lead time maybe longer)

Koils™ in various weights

Quality
All Keene Village Plastics 3D printer filaments are manufactured in Barberton, Ohio, USA with top quality raw materials and 3-Axis laser-controlled precision providing the highest class of products for the 3D printing industry.