

3DP-TPE1.75-01-BK

## TPE flexible filament, Black, 1.75mm, 1kg

### VERSATILE & EASY TO USE

- Flexible filament is a special thermopolymer which allows the user to obtain materials similar to rubber. With this material, you can create objects that will appear as rubber itself, and according to the type of rubber, the user can obtain different levels of softness and elongation. The tear resistance characteristics of the material are excellent and resistance to tearing is high.



### Features

- Unique flexibility
- High elasticity and excellent abrasion resistance
- Excellent build platform adhesion and bonding between layers

### Specifications

Material: TPE, 1.75 mm diameter  
 Weight: 1 kg/spool (2.2 lbs)  
 Length: approx. 420 m  
 Density at 21.5 °: 0.9 g/cm<sup>3</sup>  
 Melt Flow Index at g/10min 200°C/5kg: 11  
 Melt Point: 190 240 °C  
 Heat-Deflection-Temperature: /  
 Yield Strength at 5mm/min: 43 MPa  
 Tear Strength: 86 KN/m  
 Elongation at Break: 500 %  
 Diameter: 1.75 ± 0.05 mm  
 Spool dimensions: 200 mm diameter x 67 mm height x 53 mm central hole

### Packaging

|                                |                |
|--------------------------------|----------------|
| Q'ty in crtn, pcs              | 8              |
| Crtn volume, CUM               | 0.036          |
| Crtn weight, kgs               | 10.89          |
| Individual package size LxWxH: | 210x210x85 mm  |
| Carton size LxWxH:             | 440x440x185 mm |
| Country of origin              | CN             |
| Barcode                        | 8716309095020  |
| Customs code                   | 3916909000     |

### System requirements

A 3D printer with 1.75 mm extruder of temperature around 230 °C, suitable for TPE filament

### Certificates

