

FILAMENT DATASHEET

| | |
|--|--|
| Product Name | ABS |
| Diameter | 1.75mm |
| Printing Temp. | 220~240°C |
| Printing Speed | 60~90mm/s |
| Recommend Layer thickness | 0.1~0.2mm |
| Build Plate Temp. | 80~110°C (< 100°C , need Porous plate) |
| Raft | YES |
| Package | 0.5/1.0Kg |
| Density | 1.04±0.2g/cm ³ |
| Melt Flow Rate(190°C , 2.16Kg) | 2~4g/10min |
| Absorption Rate (Saturation , 23°C) | 1% |
| Tensile Strength | ≥43MPa |
| Bending Strength | ≥70MPa |
| Flexural modulus | ≥2300MPa |
| Notched impact strength(IZOD,23°C) | ≥108J/m (ASTM D256) ≥19KJ/m ² (ISO180) |
| Elongation at break | ≥30.0% |
| distortion temperature | ≥88°C |
| Diameter Deviation | ±0.05mm |
| Roundness deviation | ≤0.05mm |