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## Technical Data Sheet

### R3D PETG FILAMENT

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| Dimensions   |                            |
|--|----------------------------|
| Size   | 1,75 mm                    |
| Tolerance  | ± 0,02 mm                  |
| Thermal Features   |                            |
| Printing Temperature   | 200-240°C                  |
| Platform Temperature   | 90-110°C                   |
| Physical Features  |                            |
| Specific gravity   | 1.27g/cm <sup>3</sup>      |
| MFR 250 °C/2,16kg  | 20g/10min                  |
| Tensile strength at Yield  | 50 MPa                     |
| Strain at break  | 120%                       |
| Flexural Strength  | 69 MPa                     |
| Flexural Modulus   | 2150 MPa                   |
| Impact strength  | 7.9kJ/m <sup>2</sup> a     |
| Packing  |                            |
| Packing Method   | Vacuum Sealing + Desiccant |
| Color Box Size   | 21*21*6.5CM                |
| Net Weight   | 1000g                      |
| Gross Weight   | 1350g                      |
| Storage  |                            |
| Cool and dry (15-25°C) and away from direct sun light. This will enhance the shelf life. |                            |