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# Technical Data Sheet

## R3D PLA SILK FILAMENT

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<b>Dimensions</b>	
Size	1,75 mm
Tolerance	± 0,03 mm
<b>Thermal Features</b>	
Printing Temperature	195-215°C
Platform Temperature	40-60°C
Thermal Deformation Temperature	55°C
<b>Physical Features</b>	
Melting point	165-190°C
Density	1.22g/CM <sup>3</sup>
3D printing 100% Filling Tensile Strength	45Mpa
Flexural modulus	2467Mpa
Elongation At Break	65
Melt Flow Rate	8-12g/10min
<b>Packing Features</b>	
Packing Method	Vacuum Sealing + Desiccant
Color Box Size	21*21*6.5CM
Net Weight	1000g
Gross Weight	1350g
<b>Storage</b>	
Cool and dry (15-25°C) and away from direct sun light. This will enhances the shelf life.	