

## FEATURES

- Perfect supporting material for dual extruder 3D printer
- Dissolvable in water
- Making it a fantastic choice for a support material
- A suitable primary material would be PLA
- Cold water will get the job done, but for more speedy results, try warm water
- PVA is odourless, non-toxic, and biodegradable

## RS PRO 2.85mm Natural PVA 3D Printer Filament, 500g

RS Stock No.:832-0494



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

This PolyVinyl Alcohol (PVA) filament from our high-quality own brand RS PRO offers excellent adhesive properties, high tensile strength and flexibility. It is resistant to oil as well as grease and solvents.

### General Specifications

<b>Printing Technology</b>	FDM
<b>Printing Material</b>	PVA
<b>Machine Specific</b>	No
<b>Colour</b>	Natural
<b>For Use With</b>	Common Desktop 3D Printers
<b>Material Type</b>	Support Materials
<b>Application</b>	Production of paper, adhesives, dissolvable packagings such as those seen in single-use detergent capsules, printing, eye drops, and textiles, support material for intricate printing

### Mechanical Specifications

<b>Diameter</b>	2.85mm
<b>Weight</b>	500g
<b>Specific gravity</b>	1,23g/cc
<b>Tensile strength</b>	78 MPa
<b>Tensile Modulus</b>	3860 MPa
<b>Impact strength</b>	Notched

## Operation Environment Specifications

<b>Printing Temperature</b>	180 °C -205°C
<b>Vicat Softening Temperature</b>	± 60°C
<b>Heat Deflection Temperature</b>	± 35 °C -60°C
<b>Storage Temperature</b>	15 °C -25°C

## Approvals

<b>Compliance/Certifications</b>	ASTM D1505,ISO 527 ,ISO 306,2011/65/EU and 2015/863
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