

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 1.75mm Natural PVA 3D Printer Filament, 500g

RS Stock No.: 832-0490



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

Printing Technology	FDM
Printing Material	PVA
Machine Specific	No
Colour	Black
For Use With	Common Desktop 3D Printers
Material Type	Support Materials
Application	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

Diameter	1.75mm
Weight	500kg
Specific gravity	1,23 g/cc
MFI	6,0 g/10 min
Tensile strength	78 MPa
Tensile Modulus	3860 MPa (TD)
Impact strength	Notched
Tolerance	± 0.05mm
Roundness	≥ 95%

Operation Environment Specifications

Printing Temperature	180 °C -205°C
Vicat Softening Temperature	± 60.2°C
Storage Temperature	15 °C -25°C

Approvals

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