

## PVA · Technical Data Sheet

### General Features

<b>Chemical Name</b> Polyvinyl alcohol	<b>Benefits</b> <ul style="list-style-type: none"> <li>• Water soluble support material</li> <li>• Compatible with PLA</li> </ul>	
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### Filament Characteristics

<b>Diameter</b>	Ø 1.75mm
<b>Meters per spool</b>	273.520m
<b>Weight per meter</b>	2.74g
<b>Tolerance</b>	±0.05mm

### Material Properties

		Typical value	ASTM Method
<b>Specific gravity</b>	g/cm <sup>3</sup>	1,23	ASTM D1505
<b>MFI 190°C/21.6 kg</b>	g/min	14-20 /10	ISO 1133
<b>Tensile Strength at Yield</b>	MPa	78	ISO 527
<b>Elongation Strain at break</b>	%	9.9	ISO 527
<b>Tensile (E) modulus</b>	MPa	3860	ISO 527
<b>Impact Strength Charpy method 23°C Notched</b>	kJ/m <sup>2</sup>	1.6	ISO 179
<b>Printing Temp.</b>	°C	205±10	DF
<b>Melting Temp.</b>	°C	163	
<b>Vicat Softening Temp</b>	°C	60.2	ISO 306

### Storage

Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly

#### Disclaimer:

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