

PVA ULTRA

INNOVATEFIL® PVA ULTRA is our first-class water-soluble formula of PVA, with the addition of additives we have succeeded in increasing the print quality to another level to print objects without defects, stabilizing the material and improving its behavior against thermal degradation, used as a support this filament expands the range of materials with which it can be used, being compatible with PLA, ABS, PETG, CPE, NYLON, among others.

Our INNOVATEFIL® PVA ULTRA is suitable for any printer, because it operates in a broader temperature range, being printable from 200°C. This filament can be removed quicker with warm or cold water, leaves no trace on the finished part and is less polluting.



Soluble
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	VALUES	UNIT OF MEASUREMENT	STANDARD		
PHYSICAL PROPERTIES					
Chemical composition	Alcohol polivinílico aditivado				
Density	1.21	g/cm ³	ISO 1183		
MECHANICAL PROPERTIES¹					
	XY PLAN	PLANO XZ			
Tensile strength	-	-	MPa		
Traction module	-	-	MPa		
Flexible force	-	-	MPa		
Bending modulus	-	-	MPa		
Traction elongation (until breakage)	-	-	%		
Charpy Impact Force (notch, 23°C)	-	-	kJ/m ²		
Hardness	-	-	Shore D		
PRINT PROPERTIES					
Printing temperature	200 – 240	°C			
Bed temperature	60 – 90	°C			
Layer fan	40-60	%			
SIZE					
SIZE	NET WEIGHT	GROSS WEIGHT	DIAMETROS	COLOR	PACKING
M	750 g	975 g	1.75 mm/2.85 mm	Natural (cream)	SmartBag, security seal, desiccant bag.

NOTICE: The information provided in the data sheets is intended to be for reference only. It should not be used as design values or quality control. Actual values can differ significantly depending on printing conditions. The final performance of printed components not only depends on the materials, designing and printing conditions are also important.