

SAKATA 3D GO & PRINT filament is designed for FDM / FFF 3D printers. This filament is characterized by good adhesion to the bed, high detail precision, low warping and low odor emission. It has a printing temperature lower than PLA 850 and HR-PLA 870, which makes it an ideal material, especially for those who are just beginning in 3D printing. Made in Spain by POLIMERSIA GLOBAL S.L.

FILAMENT SPECIFICATIONS	Unit	Value
Diameter	mm	1.75 ± 0.05 / 2.85 ± 0.05
Max. roundness deviation	mm	0.05
Net weight	g	1,000 / 500 / 250

PHYSICAL PROPERTIES	Standard	Unit	Value
Specific gravity	ASTM D792	g/cm ³	1.24
MECHANICAL PROPERTIES ⁽¹⁾	Standard	Unit	Value
Tensile strength	ISO 527-1	MPa	45
Tensile modulus	ISO 527-1	MPa	3500
Tensile elongation	ISO 527-1	%	5
Charpy notched impact, 23°C	ISO 179-1eA	J/m	118
THERMAL PROPERTIES	Standard	Unit	Value
Heat distortion temperature	ISO 527-1	°C	60

PRINT SETTINGS	Unit	Value
Nozzle temp.	°C	185-205
Bed temp.	°C	Not needed (50-70 optional)
Bed modification	-	--
Fan speed	%	100
Layer height	mm	0.1-0.3
Shell thickness	mm	1.2
Print speed	mm/s	Up to 120 mm/s

Colour information

See RAL reference sheet.

Certifications / Approvals

SAKATA 3D GOGPRINT filament is not certified for food contact either medical applications.

Safety Considerations

Good general ventilation of the workplace is recommended.

Disclaimer

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