

Technical Data

Product	Specific Gravity (g/cc)	MFI (g/10min)	Tensile Strength at Yield (MPa)	Elongation-Strain at Break (%)	Tensile (E) Modulus (MPa)	Vicat Softening Temp. (°C)	Heat Deflection Temp. (°C)	Glass Transition Temp. (°C)	RoHS Compliant	REACH Compliant
rPLA	1.24	9.56	70	20%	3120	60		57	✓	✓
PLA Matte	1.38	9.56	70	20%	3120	60		57	✓	✓
PLA Cosmic	1.24	9.56	70	20%	3120	60		57	✓	✓
ePLA	1.27	6	N/A	47%	4000		95+ after annealing	60	✓	✓
PLA Tough	1.21	8.75	19	27%	2750	57			✓	✓
Wood	1.2	5	70 MPa (MD) 100 MPa (TD)	170% (MD) 110% (TD)	1900 MPa (MD) 2300 MPa (TD)	45			✓	✓
rPETg	1.27	6.4	50	23%	2020		70	77	✓	✓
Carbon Fibre	1.19	N/A	53	8%	3800		80		✓	✓
ABS	1.1	41	44	34%	2030	97			✓	✓
ASA	1.11	26.6	48	15%	2020	98			✓	✓

For Technical and Material Data Sheets, please see: filamentive.com/downloads