

rPLA

Description

An engineering grade PLA filament, with performance comparable to ABS. Features a heat resistance of 95C< (after annealing), offering a semi-matte finish.

		Test Method	Typical Value
<i>Physical Properties</i>	Specific Gravity	ISO 1183	1.27g/cc

		Test Method	Typical Value
<i>Mechanical Properties</i>	Impact Strength	ISO 179	23kJ/m ²
	Tensile Strength	ISO 527	40 MPa
	MFR 210°C / 2.16kg	ISO 1133	6 g/10 min*
	Elongation at break	ISO 527	47%
	Melting temp.		205 ± 15°C
	Heat Deflection temp. (B) (after annealing)	ISO 75	95°C + **
	Tensile modulus	ISO 527	4000 MPa

		Test Method	
<i>Thermal Properties</i>	Printing Temperature	Filamentive	230°C ± 10°C