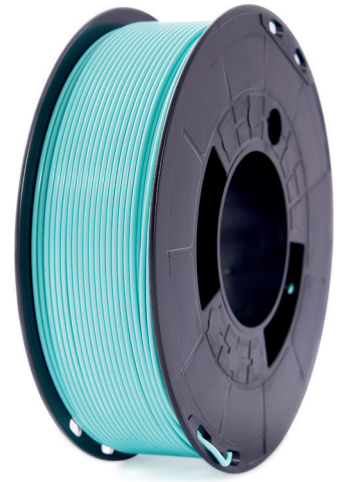


HIGH DEFINITION - Definition, surface finish and resistance.

Biodegradable filament and suitable for all 3D printers. It is very easy to print as it has no shrinkage so you can make really big pieces. With our PLA filament you can achieve a fantastic finish and vivid colors in all your pieces. Excellent adherence to bed between capable.



PHYSICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
DENSITY	1,24	g/cm ³	
FLOW RATE (210°C/2.16KG)	8	g/10 min	ISO 1133-A
FLOW RATE (190°C/2.16KG) STEREOCHEMICAL	3	g/10 min	ISO 1133-A
PURITY (CORBION METHOD) RESIDUAL	96	(% L-isomero)	
MONOMER (CORBION METHOD) MOISTURE	0.3% (max)		
(COULOMETRIC KARL-FISHER) MELTING TEMPERATURE	155°	°C Tm (DSC)	
GLASS TRANSITION TEMPERATURE	55 - 60°	°C Tg (DSC)	

MECHANICAL PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
TENSILE MODULUS	3500	MPa	ISO 527-1
TENSILE STRENGTH	45	MPa	ISO 527-1
STRAIN AT YIELD	5% (max)		ISO 527-1
IMPACT STRENGTH - CHARPY METHOD	23°	°C	ISO 179-1eA

PRINTING PROPERTIES	AVERAGE VALUES	UNITS	STANDARDS
NOZZLE TEMPERATURE	190 - 230	°C	
HOT BED TEMPERATURE	50 - 70	°C	
COOLING FAN	ON (100)	%	

SPOOL SIZE	DIAMETER	ON REQUEST	COLOR	PACKAGING
300g	1,75 mm		Various	Carboard box, vacuum and silica
1Kg	1,75 mm		Various	Carboard box, vacuum and silica



Product Range

Art. No.	Type	Colour	Diameter	Weight
30241941	RND 705-00001	White	1.75 mm	300 g
30241942	RND 705-00002	White	1.75 mm	1 kg
30241943	RND 705-00003	Black	1.75 mm	300 g
30241944	RND 705-00004	Black	1.75 mm	1 kg
30241945	RND 705-00005	Grey	1.75 mm	300 g
30241946	RND 705-00006	Grey	1.75 mm	1 kg
30241947	RND 705-00007	Transparent	1.75 mm	300 g
30241948	RND 705-00008	Transparent	1.75 mm	1 kg
30241949	RND 705-00009	Red	1.75 mm	300 g
30241950	RND 705-00010	Red	1.75 mm	1 kg
30241951	RND 705-00011	Blue	1.75 mm	300 g
30241952	RND 705-00012	Blue	1.75 mm	1 kg
30241953	RND 705-00013	Yellow	1.75 mm	300 g
30241954	RND 705-00014	Yellow	1.75 mm	1 kg
30241955	RND 705-00015	Green	1.75 mm	300 g
30241956	RND 705-00016	Green	1.75 mm	1 kg
30241957	RND 705-00017	Light Blue	1.75 mm	300 g
30241958	RND 705-00018	Light Blue	1.75 mm	1 kg
30241959	RND 705-00019	Gold	1.75 mm	300 g
30241960	RND 705-00020	Gold	1.75 mm	1 kg
30241961	RND 705-00021	Silver	1.75 mm	300 g
30241962	RND 705-00022	Silver	1.75 mm	1 kg
30241963	RND 705-00023	Brown	1.75 mm	300 g
30241964	RND 705-00024	Brown	1.75 mm	1 kg
30241965	RND 705-00025	Fluorescent Green	1.75 mm	300 g
30241966	RND 705-00026	Fluorescent Green	1.75 mm	1 kg
30241967	RND 705-00027	Flourescent Orange	1.75 mm	300 g
30241968	RND 705-00028	Flourescent Orange	1.75 mm	1 kg
30241969	RND 705-00029	Grey/White	1.75 mm	300 g
30241970	RND 705-00030	Grey/White	1.75 mm	1 kg