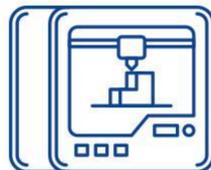


WUXI ALIZ 3D TECHNOLOGY CO., LTD.

- 3D Pellets
- 3D Filaments



Aliz

Unleashing Your Creativity



Company Introduction

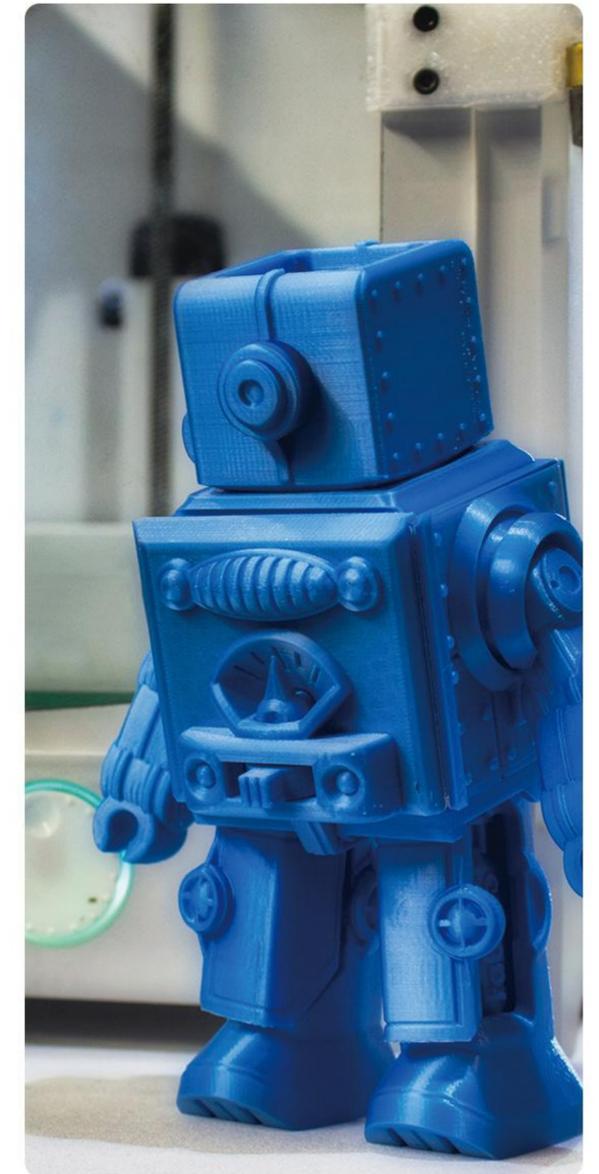
'Aliz' is a Subsidiary Company of Jiangyin Longshan Synthetic Material Co., LTD.
'Longshan Synthetic' is a key Hi-Tech enterprise of China which engaged in Modified Plastics for more than 25 years, and a National SRDI (Specialized, Refined, Differential, Innovative) small giant enterprise, as well as with an independent CNAS Laboratory.



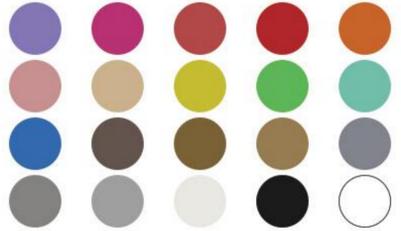
In order to better serve customers, Wuxi Aliz 3D Technology Co., LTD (hereafter called 'Aliz') was founded in 2022, whose predecessor was 3D Printing Business Department which was separated from the Traditional Thermoplastic Material Business.

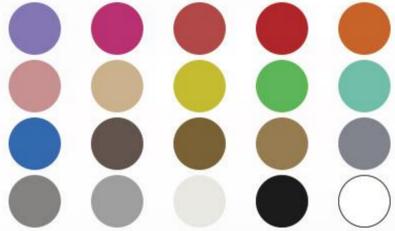
A new leading name in cutting-edge Manufacturer-Aliz. Which specialize in ODM/OEM Service of 3D Printing Filament Products, Overall Solution for the Whole Non-metallic 3D Printing Industry.

Welcome to Aliz!



Aliz General Series 3D Printing Filament

Product Name		PETG	PETG-CF5	PLA Basic	PLA+ Tough	PLA+ Matte	PLA Silk	PLA CF	
Standard		Diameter: 1.75mm/ 2.85mm							
Weight		500g/1kg/2.5kg	500g/1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	
Material Performance	Density	g/cm ³	1.27	1.3	1.21	1.22	1.31	1.25	1.21
	Melt Flow Index	g/10min	8~10	22.2	10	15	20	12	5.35
	Tensile Strength (X-Y)	Mpa	54.49	73.11	53	62	32	60.6	69.3
	Elongation at break (X-Y)	%	3.18	1.86	2.3	1.92	6.8	6.3	4.25
	Flexural Strength (X-Y)	Mpa	73.82	103.53	74	85	55	65	104.01
	Flexural Modulus (X-Y)	Mpa	2048	4550	2650	3050	2456	1895	7365
	Notched Impact Strength (X-Y)	KJ/m ²	1.59	2.8	11	6.85	6.73	6.5	4.26
	Heat Distortion Temperature (0.45MPa)	°C	73.2	75	56	56	58	53	58.8
Printing Parameters	Printing Speed	mm/s	40-300	40-300	40-300	40-300	40-300	40-250	40-250
	Printing Temperature	°C	240-280	250-290	190-230	190-230	190-230	190-230	190-230
Features		<ul style="list-style-type: none"> • High Cost-effective • High-speed & Easy to print • No Warping • Low Shrinkage Ratio • Easy Removal of Support • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • No Layered Texture • High-speed Printing • Low Warpage • Better Mechanical Properties • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • Safety & Environmental Protection • Biodegradable, Biological Raw Materials • Support High-speed Printing • Not easy to block the Nozzle • High Dimensional Accuracy for Printing • Good Rigidity 	<ul style="list-style-type: none"> • Safety & Environmental Protection • Toughness upgrade • Biodegradable, Biological Raw Materials • Support High-speed Printing • Not easy to block the Nozzle • High Dimensional Accuracy for Printing • Good Rigidity 	<ul style="list-style-type: none"> • Safety & Environmental Protection • Fine without Lamination • Support High-speed Printing • Not easy to block the Nozzle • High Dimensional Accuracy for Printing 	<ul style="list-style-type: none"> • PLA Silk is smooth and shiny like pure Silk, with a metallic texture • It improves the toughness of 3D Filament while retaining the ease-of-use of PLA, showing stronger fracture resistance to breakage 	<ul style="list-style-type: none"> • Carbon fiber reinforced, Matte texture • No Layered Texture • Retain PLA ease of use while improving the Strength of Filament 	
Color		 <p>Colors can be customized</p>	Full colors, Customizable	Black	Full colors, Customizable	Full colors, Customizable	Full colors, Customizable	Full colors, Customizable	Black

			Aliz General Series 3D Printing Filament			Aliz Flexible Series 3D Printing Filament	Aliz Industrial Series 3D Printing Filament	
Product Name			ASA	ABS	PET-MB	TPU95A	PA6+	General PA-GF
Standard			Diameter: 1.75mm/ 2.85mm			Diameter: 1.75mm/ 2.85mm	Diameter: 1.75mm/ 2.85mm	
Weight			1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	500g/1kg/2.5kg
Material Performance	Density	g/cm ³	1.07	1.06	1.25	/	1.13	1.24
	Melt Flow Index	g/10min	23	30	10	/	18	7
	Tensile Strength (X-Y)	Mpa	40.5	39.2	58.19	30.5	59	96.33
	Elongation at break (X-Y)	%	3	4.20%	2.85	440	2	2.04
	Flexural Strength (X-Y)	Mpa	55	65.7	85.27	/	108	140.84
	Flexural Modulus (X-Y)	Mpa	1800	2100	2236	/	2535	4322
	Notched Impact Strength (X-Y)	KJ/m ²	21	19.4	4.35	/	2.04	13.65
	Heat Distortion Temperature (0.45MPa)	°C	85	98	74	/	64.1	177.2
Printing Parameters	Printing Speed	mm/s	40-200	40-300	40-200	40-200	40-300	40-300
	Printing Temperature	°C	250-280	240-280	260-300	220-250	250-280	260-290
Features			<ul style="list-style-type: none"> High performance thermoplastic material, with ABS similar Mechanical Properties, but lower odor than ABS Especially with high weather resistance, UV resistance, making it more suitable for outdoor equipment parts printing 	<ul style="list-style-type: none"> High Rigidity & Toughness With High Heat Resistance Suitable for Printing Various Industrial Parts 	<ul style="list-style-type: none"> High Cost-effective High-speed & Easy Printing No Warping Low Shrinkage Ratio Easy Removal of Support Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> Good Elasticity Good Ductility Soft & High Toughness Easy to Print 	<ul style="list-style-type: none"> High-speed Printing Excellent Mechanical Properties Odor-free when Printing Low Shrinkage Ratio Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> Matte Texture Finish Very good Mechanical Properties Dimensional Stability Corrosion Resistance Printing without sealing the box at room temperature
Color	 <p>Colors can be customized</p>		Full colors, Customizable	Full colors, Customizable	Full colors, Customizable	Full colors, Customizable	Full colors, Customizable	Black, White Customizable

Aliz Industrial Series 3D Printing Filament

Product Name		General PA-CF	Industrial PA-CF	PETG-CF15	PETG-GF15	PET-CF	PET-GF	PPS-CF							
Standard		Diameter: 1.75mm/ 2.85mm													
Weight		500g/1kg/2.5kg	500g/1kg/2.5kg	500g/1kg/2.5kg	500g/1kg/2.5kg	1kg/2.5kg	1kg/2.5kg	500g/1kg/2.5kg							
Material Performance	Density	g/cm ³	1.19	1.2	1.33	1.38	1.38	1.46	1.27						
	Melt Flow Index	g/10min	5.2	6	37	28	27	28.8	10.7						
	Tensile Strength (X-Y)	Mpa	103.35	113.5	60	92.13	122.98	77.54	72						
	Elongation at break (X-Y)	%	1.94	1.15	2.3	3.77	3.89	1.93	1.15						
	Flexural Strength (X-Y)	Mpa	146.10	168	87	132.86	179.29	147.98	105						
	Flexural Modulus (X-Y)	Mpa	6702	9142	5600	4673.33	9128	5170	6265						
	Notched Impact Strength (X-Y)	KJ/m ²	5.66	8.24	4.74	5.14	6.88	5.01	7.8						
	Heat Distortion Temperature (0.45MPa)	°C	167.2	175	76.5	78.1	74.4	76.8	258						
Printing Parameters	Printing Speed	mm/s	40-300	40-300	40-300	40-300	40-300	40-300	40-200						
	Printing Temperature	°C	260-290	265-290	260-290	260-290	260-300	260-300	290-330						
Features		<ul style="list-style-type: none"> • Matte Texture Finish • High Temperature Resistance • Very good Mechanical Properties • Dimensional Stability • High Wear Resistance • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • Industrial Performance • Matte Texture Finish • High Temperature Resistance • Very good Mechanical Properties • Dimensional Stability • High Wear Resistance • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • No Layered Texture • High-speed Printing • Low Warpage • Dimensional Stability • Better Mechanical Properties • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • No Layered Texture • High-speed Printing • Low Warpage • Dimensional Stability • Better Mechanical Properties • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • Excellent Mechanical Properties • Warpage Resistance • Dimensional Stability • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • Excellent Mechanical Properties • Warpage Resistance • Dimensional Stability • Printing without sealing the box at room temperature 	<ul style="list-style-type: none"> • Excellent Mechanical Properties • Strong Flame-retardancy • Dimensional Stability • Low Absorption of Water • High Chemical Resistance • Printing without sealing the box at room temperature 							
Color		 <p style="text-align: center;">Colors can be customized</p>							Black	Black	Black	Black, White Customizable	Black	Black, White Customizable	Black



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Website



WeChat Account



Tmall Store



QQ Group

