



PLA PRODUCT

PLA PRODUCTS

We could not only provide PLA raw material, but also the finished products made from PLA and related production machines. We welcome enquiry from you.

1. PLA LID:

Product name	Specification	Packaging	Case size	N.W/G.W (KG)
90 CPLA lid	φ90	1,000 PCS/CTN	48 * 39 * 26cm	3.5/4.4
90 CPLA lid	φ90 Black	1,000 PCS/CTN	48* 39 * 26cm	3.5/4.4
85 CPLA lid	φ85	1,000 PCS/CTN	46*36*25.5cm	3.3/4.1
85 CPLA lid	φ85 Black	1,000 PCS/CTN	46*36*25.5cm	3.3/4.1
80 CPLA lid	φ80	1,000 PCS/CTN	43*35*25.5cm	2.8/3.5
80 CPLA lid	φ80 Black	1,000 PCS/CTN	43*35*25.5cm	2.8/3.5
73 CPLA lid	φ73	1,000 PCS/CTN	40.9*33*26.5cm	2.5/3.25
73 CPLA lid	φ73 Black	1,000 PCS/CTN	40.9*33*26.5cm	2.5/3.25
62 CPLA lid	φ62	2,000 PCS/CTN	32828.5*28.5cm	1.8/2.4
62 CPLA lid	φ62 Black	2,000 PCS/CTN	32828.5*28.5cm	1.8/2.4
115 soup lid	φ115	500 PCS/CTN	610*265*275mm	2.9/4.0
90 soup lid	φ90	1,000 PCS/CTN	440*360*270mm	3.5/4.3

(1) 90 CPLA lid





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(2) 80 CPLA lid



(3) 85 CPLA / 115 CPLA lid





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(4) 4OZ (62)



(5) 6OZ (73)





2. PLA STRAW

PRODUCT NAME	Polylactic Acid (PLA) Biodegradable Straw
RAW MATERIAL	Polylactic Acid (Starch extracted from natural crops)
COLOR	The original color is translucent or light white and can be specialized into various colors according to the demand
SHELF-LIFE	12 months
TRANSPORTATION	Cannot be exposed to the sunlight or rain; cannot be mixed with harmful and corrosive materials. The temperature of the environment during transportation should not exceed 40 degrees.
STORAGE	Stored in a ventilated and dry warehouse away from the ground and fire source. Avoid direct sunlight and not to be stacked in the open air. The temperature of the environment should not exceed 40 degrees. The suggestion of best storage condition is humidity in the air is less than 75% ,temperature of environment is between 18 C to 30 C .
THE PRINCIPLE OF PRODUCTS DEGRADATION	<p>The pathways of product degradation:</p> <ul style="list-style-type: none"> • Simple hydrolytic degradation: Polylactic acid molecular chains contain ester bonds, which are easily broken into carboxylic acids and alcohols under the action of hydrogen ions. The acid produced in degradation may act as a catalyst in the degradation and lead to an autocatalytic effect. • Composting degradation: The decomposition rate is faster under high temperature and high humidity (50-55 degrees, humidity is higher than 80-90%), • Degradation in nature: Polylactic Acid can be degraded by various microorganisms and enzymes in nature.



Straight Straw

Qty: 100 Pcs X 100 Bags
 Size: Ø60 X 200 mm
 Meas: 540 X 440 X 420 mm



Flexible Straw

Qty: 100 Pcs X 100 Bags
 Size: Ø6 X 200 mm
 Meas: 540 X 440 X 420 mm



Spoon Straw

Qty: 50 Pcs X 100 Bags
 Size: Ø6 X 200 mm
 Meas: 390 X 330 X 420 mm



Individually Paper Wrapped

Qty: 100 Pcs X 50 Bags
 Size: Ø6 X 200 mm
 Meas: 430 X 280 X 480 mm



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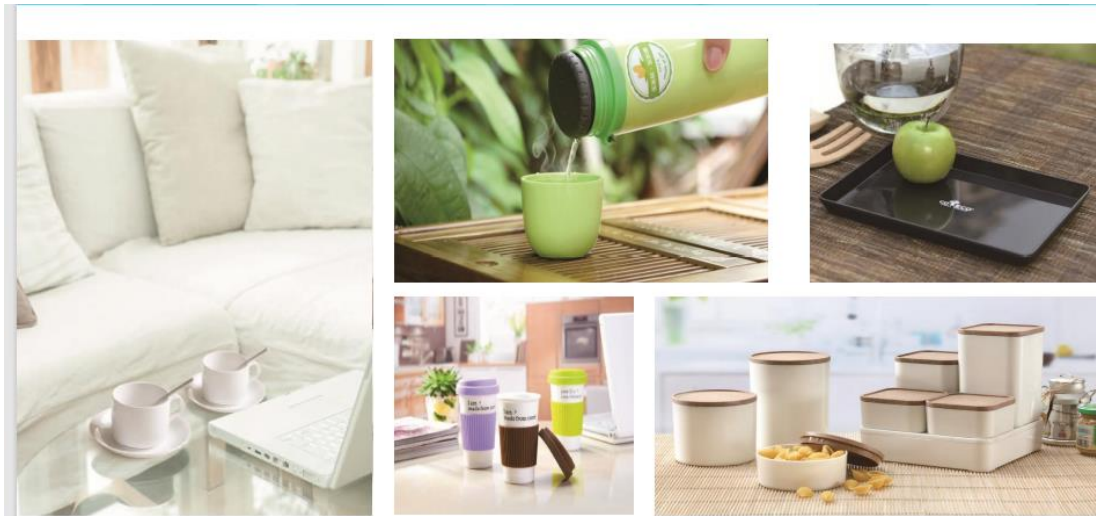
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3. Household application---Kitchenware:



4. Household application---Tableware:





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5. Fiber Application---Non-woven:



Others:





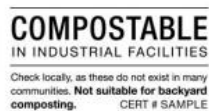
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PLA Raw material application and grade details:

ITEM	REVODE 101L	REVODE 101	REVODE 110	REVODE 190	REVODE 201	REVODE 210	REVODE 290
Physical Properties							
Density(g/cm ³)	1.25±0.05	1.25±0.05	1.25±0.05	1.25±0.05	1.25±0.05	1.25±0.05	1.25±0.05
Melt Index, g/10min (190℃/2.16kg)	2~10				10~30		
Melting Point (℃)	125~140	140~155	155~160	170~180	140~155	155~160	170~180
Glass Transition Temperature (℃)	56~60	58~61	59~62	60~63	58~61	59~62	60~63
Mechanical Properties							
Tensile Strength (MPa)	≥45						
Elongation at Break (%)	≥2.5						
Izod Impact (KJ/m ²)	≥1.0						



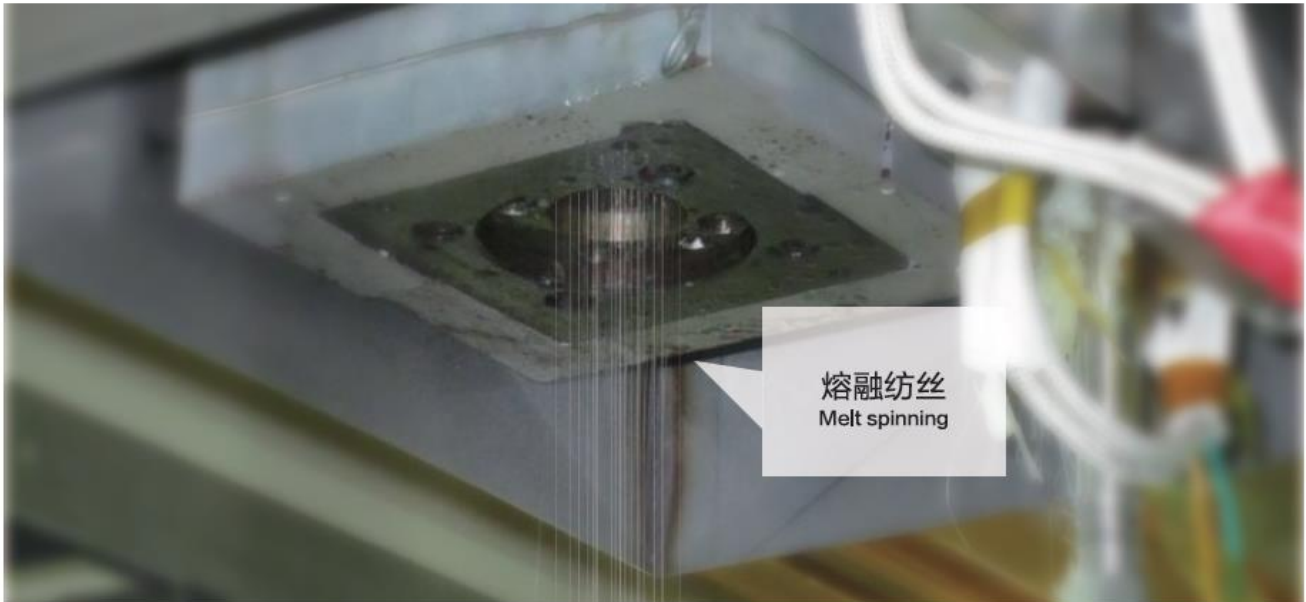


PLA applications :

「 Melt-spinning technology 熔融纺丝技术 」

REVODE聚乳酸树脂通过传统熔融纺丝生产线可生产各种规格的纤维产品，这类纤维通常也被称为“玉米纤维”。得益于REVODE聚合物的无毒性、生物相容性，玉米纤维最早被用来做医用材料，如手术缝合线。由于它对环境低碳环保，与人体接触健康安全，逐渐被应用到了人体亲密接触织物上，目前市面上流行的一些植物纤维面膜、婴童湿巾、玉米内衣等，都不乏见到玉米纤维的影子。

REVODE PLA resin could produce various kinds of fiber products through traditional melt-spinning production line, this kind of fiber also called "Corn fiber". Profit by REVODE polymer's non-toxicity and biocompatibility, corn fiber was used as medical material at first, just as operation suture line. Because of its low carbon and environmental protection, healthy and safety with body contacting, so it is gradual used in textile fabrics, the plant fiber mask, baby wipes, corn underwear which popular in the market at present, where could wildly find the corn fiber.



熔融纺丝技术是一种低碳的加工方式，它不存在溶液纺丝过程中的三废问题，因而更加有利于我们的环境。

Melt-spinning technology is a low carbon processing method, which did not exist the issue of three wastes in solvent spinning, therefore it is more environmental protection.





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采用REVODE190
制作的玉米纤维
The corn fiber made
by REVODE 190

Corn fiber act as filler 作为填充物的玉米纤维

玉米纤维100%生物来源，100%可降解，汇聚天然纤维与石油化纤特点于一身。玉米纤维的保暖系数为优质棉芯的1.8倍，回弹性好，蓬松度高，透气干爽，减少清洗晾晒麻烦。

Corn fiber is 100% biogenetic derivation, 100% biodegradable, which combine the feature of nature fiber with the strength of petroleum chemical fiber. The thermal coefficient of corn fiber is 1.8 times better than high quality cotton core, good rebound resilience, high loft, breathability and dry, which could reduce the trouble of clean and drying.



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Excellent Blending performance 优异的混纺性能

- ▶ 玉米纤维具备良好的混纺性能，可与纯棉、粘胶、天丝、莫代尔、羊毛等混纺。
- ▶ 玉米纤维与天然棉纤维混纺后，不但继承了玉米纤维健康舒适环保特性，而且与涤棉织物具有几乎同等的性能，还保持了产品的100%生物降解性。

Corn fiber have a well blending performance, could blend with pure cotton、mucilage glue、tencel、modal and wool.
After corn fiber blending with nature cotton fiber, the mixture not only inherits the healthy、comfort and environmental protection features of corn fiber, and almost have the same property with polyester-cotton fabric, but also keep the products 100% biodegradability.



玉米纤维的吸湿率较低，皮肤表面的汗液通过纤维之间的空隙自然释放到外部，这一特性使得玉米纤维具备了天生的透气排汗不贴附体表的性能，尤其是在运动服装上体现出的良好服用性能，而玉米纤维内侧芯吸层的穿着舒适性更是超越了涤棉等织物，它能带给你更多自信。

Corn fiber have low moisture absorption rate, the sweat in the skin surface could spontaneously release outside through the gap of fiber, this property let the corn fiber have the instinctive performance of ventilate、perspire, will not attach with body surface, which could especial reflect in the application of sportswear, meanwhile, the wear comfort of corn fiber is better than polyester cotton etc, could bring you more confidence.



Corn fiber nonwovens 玉米纤维无纺布



水刺无纺布
Spunlace non-woven fabric



面膜
Mask



湿巾
Wet tissue

玉米纤维的单体是乳酸，它使得织物表面呈现弱酸性，与人体pH值相同，非常适合用在与人体皮肤有接触的纺织品领域如面膜、手口湿巾。

The monomer of corn fiber is Lactic acid, which make the surface of fabric present weak acid, which have the same pH with human body, so it is very fit for the textile field such as nonwovens mask, wet tissue which may contact with human skin.



熔喷布
Melt blown fabric



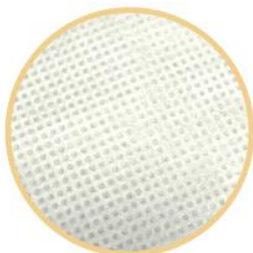
口罩
Picture: respirator



汽车空气滤
Car air filter

聚乳酸的分子结构独特，分子表面含有丰富的极性基团，纤维表面具有微孔和粗糙感，吸附效果良好，可制作高档口罩等过滤用途。

PLA have a unique molecular structure, which have abundant polar groups in the molecular surface, the fiber surface also have micropore and roughness, and have great absorption efficiency, which could apply in top-grade respirator and filtration usage.



纺粘无纺布
Spunbonded nonwoven fabric



环保无纺布袋
Environmental nonwoven bags



无纺布衣柜
Nonwoven wardrobe

玉米纤维做的纺粘无纺布袋优点众多，是传统塑料袋的最佳替代品。

The Spunbonded nonwoven fabric bags have lots of advantage which made by corn fiber, which is the best alternatives for traditional plastic bags.



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Welcome the age 4.0 of shopping bags 迎接购物袋4.0时代

玉米纤维购物袋采用REVODE聚乳酸树脂纺粘加工而成，解决了传统购物袋不耐用、不经济、不环保等缺陷，是传统购物袋的最佳替代品。

Corn fiber shopping bags made by spunbonded REVODE PLA, which solved the defect of traditional plastic bags such as not durable, diseconomy, not environmental, which is the best alternatives for traditional plastic bags.

购物袋1.0

Shopping bags age 1.0

石油基塑料

Petroleum base plastic



一次性PE袋子
Disposable PE bag

特点
Characteristic

- 1 Non-degradable
不降解
- 2 Single-use
一次性使用

购物袋2.0

Shopping bags age 2.0

石油基塑料

Petroleum base plastic



耐用PP无纺布袋
Durable PP nonwoven bag

特点
Characteristic

- 1 Non-degradable
不降解
- 2 Cycle use
循环使用



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REVODE玉米纤维衣物
REVODE corn fiber clothing

Like a Second Layer skin

犹如第二层肌肤

- ▶ 玉米纤维密度接近真丝，较棉纤维、涤纶更低，做成的织物轻盈舒适，对人体产生的服装压小。
- ▶ 由于玉米纤维光滑的结构，纺织品表面特别丝滑柔软，能为肌肤带来的优秀的爽滑和悬垂感。
- ▶ 玉米纤维继承了REVODE单体乳酸的抑菌性，因此特别适合用作内衣裤等亲肤织物。

The density of corn fiber close to silk, low than cotton fiber and Dacron, the fabric made by corn fiber would be light and comfortable, bring lower clothing pressure to human body.

Because of the corn fiber's smooth structure, the surface of the fabric would be particular silky and soft, which would let the skin feel the excellent smoothness and pendency.

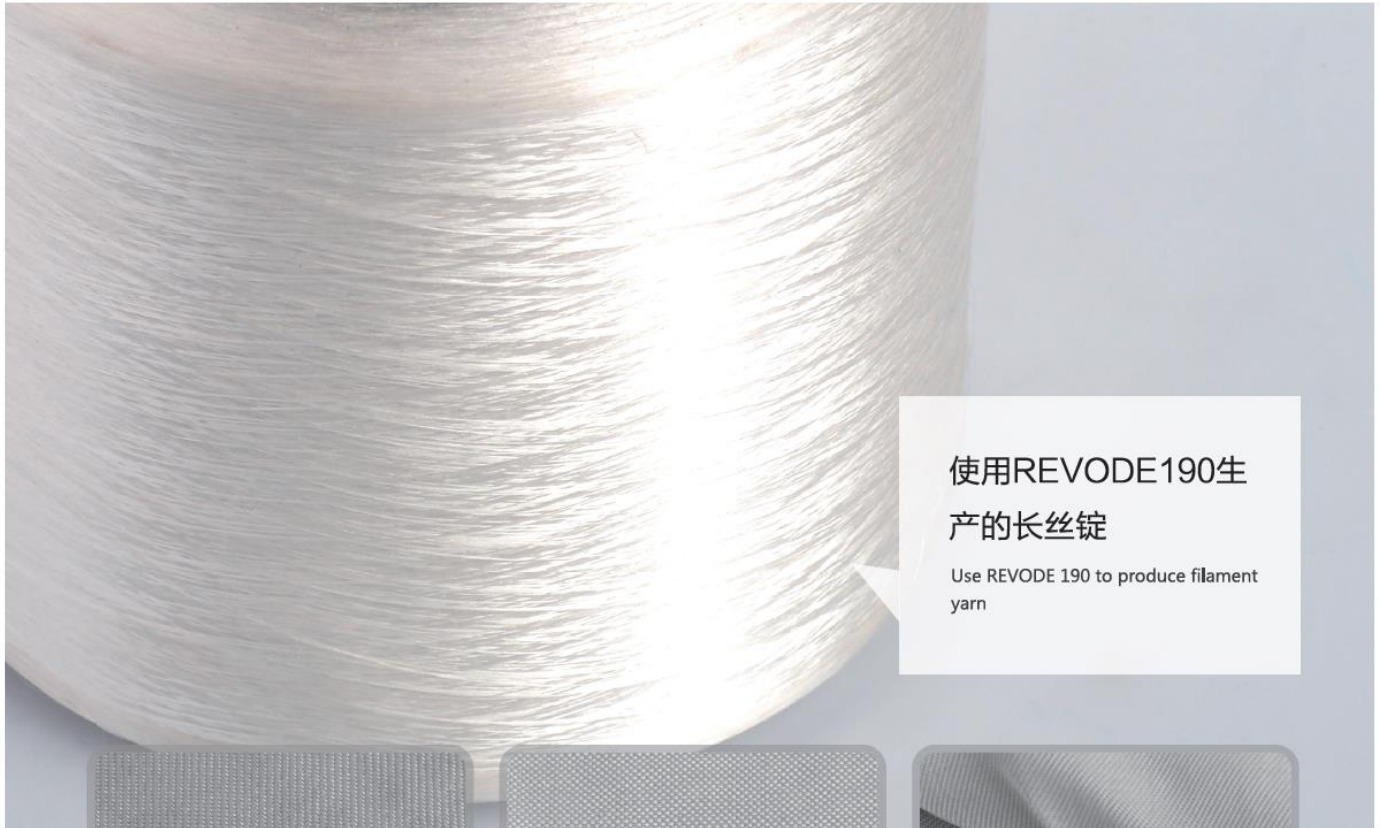
Corn fiber inherits the bacteria restraint from the Lactic acid monomer of REVODE, so which is especially fit for underclothes etc skin fabric



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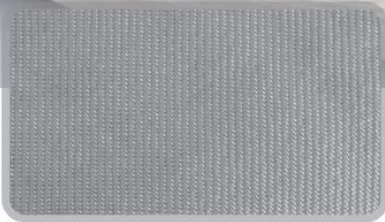
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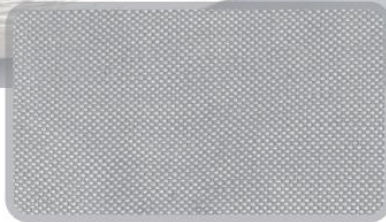


使用REVODE190生
产的长丝锭

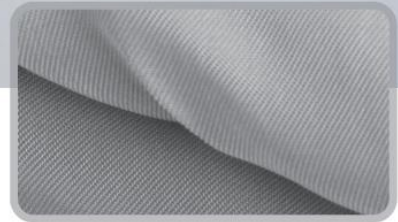
Use REVODE 190 to produce filament
yarn



100%玉米纤维长丝布
100% corn fiber filament fabric



玉米纤维/天丝/麻交织布
Corn fiber/ Tencel/ linen mixed fabric



玉米纤维/铜氨交织布
Corn fiber/cuprammouium mixed fabric

Other Features

其他特性



不易燃烧 Uninflammability

玉米纤维极限氧指数比羊毛略高。玉米纤维的极限氧指数比羊毛略高，也是常用纤维里最高的。燃烧发烟量低（只有涤纶纤维的16%），只有轻微的烟雾析出（只有涤纶纤维的57%），易自熄，火灾危险性小。

The limit oxygen index of corn fiber is high than wool, and also is the highest in the commodity fiber. Low smoke amount (16% of terylene fiber), only have slight smoke separate out (57% if terylene fiber), Easy self-extinguishing, low fire risk.



抗紫外线 UV resistance

玉米纤维的折射率低，抗紫外线性能优于常用纤维，在日晒500小时之后，仍保持90%的强力，在氙弧光下不褪色，洗涤后基本不变色，在户外织物用途上效果显著。

Corn fiber have low refractive index, UV resistance performance is better than commodity fiber, after 500 hours basking, still keep 90% strength, would not fade under xenon arc, non-discolouring after washing, have a remarkable effect applied in outdoor fabric.



生物降解 Biodegradable

废弃的涤纶、锦纶等来自石油和炼焦工业的化学纤维会对大自然造成的白色污染，而玉米纤维织物在废弃后能够生物降解，最终生成二氧化碳和水回归自然，符合循环经济的要求。

Dumped terylene and chinlon etc chemical fiber which come from petroleum and coking industry would cause the white pollution to the nature, however, corn fiber fabric could biodegrade after abandon, which would finally generate carbon dioxide and water back to nature, which conform to the request of circular economy.



REVODE grade comparison REVODE牌号比较

		REVODE101	REVODE190	测试标准
物理性质 Physical property				
密度 Density	g/cm ³	1.25 ± 0.05	1.25 ± 0.05	GB/T1033-1986
熔液流动指数 Melt index(190°C,2.16KG)	g/10min	2-10	3-8	GB/T3682-2000
熔点 Melting point	°C	160-165	170-178	GB/T19466.3-2004
玻璃化温度 Glass transition temperature	°C	56-61	56-61	GB/T19466.2-2004
机械性质 Mechanical property				
拉伸强度 Tensile strength	Mpa	>50	>55	GB/T1040-1992
断裂伸长率 Elongation at break	%	>3.0	>3.0	GB/T1040-1992
冲击强度 Impact strength	KJ/m ² , Izod	2-3	2-3	GB/T1043-1992



代表产品

Representative products:

长丝 (FDY/DTY)	72D / 48F	短纤	1.5Dx38mm
	120D / 72F		6Dx51mm

参考指标 Reference index

纤维	密度	熔点	强度	吸湿率	断裂伸长率 (%)	环境友好可降解
玉米纤维	1.25	170-180	2.8	0.4-0.6	11	是
涤纶	1.39	255	4.0-4.5	0.4	20-32	否



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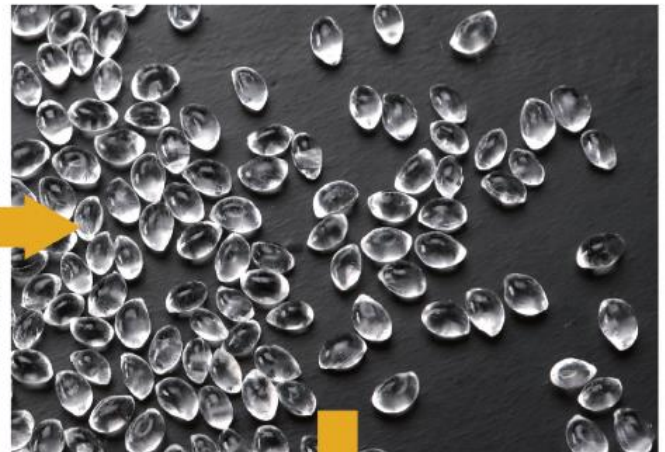
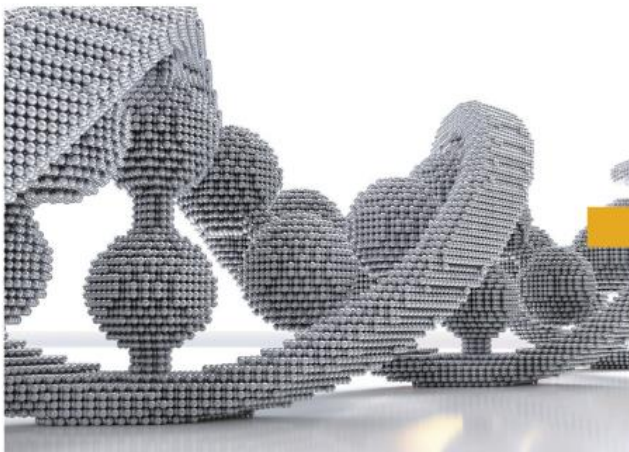
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Dimensional stability 尺寸稳定性

REVODE® 极微的收缩率，有效地保证了打印标的物的尺寸稳定性，不起翘、不收缩。这一特性也是REVODE® 优于传统石油基塑料（如ABS、HIPS、PET、PETG等）的主要表现，从而成为了FDM首选耗材。

Low shrinkage of REVODE® can well secure dimensional stability of finished products. This advantage also makes PLA a material superior to traditional petroleum based plastics such as ABS, HIPS, PET, PETG, and makes it the best choice for FDM.



Better Gloss 更好的光泽度

REVODE® 的透明度及光泽性与生俱来，没有荧光增白剂，天然晶莹剔透。

REVODE® is inherently a transparent and glossy material which exhibits a shining appearance.





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良好的着色性：REVODE®具有极佳的着色性，着色后的 3D 耗材色彩鲜艳，炫目。

Color-up easily: REVODE® can be colored-up very easily to make colorful products.





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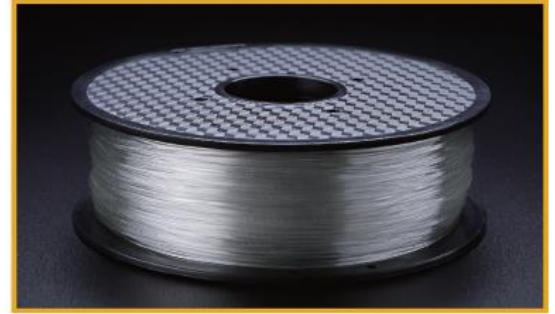
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Transparent PLA Series

透明PLA系列: REVODE110、REVODE190

新一代挤出级PLA聚合物，拥有洁白无瑕、高透明、高亮度、高光泽等特点，具有更强大的耐水解和耐使用环境衰减能力，有效自然保存寿命提高25%以上，所制作的3D耗材具有更优秀的表面光泽度、圆润度以及更强大的打印层与层之间的粘合力，同时具有卓越的塑化性，更高的熔体强度，所制造的3D耗材拥有更均匀的内部单晶排列，优化了市面上耗材常出现的结点、突点、断面等不良现象，强大的层间粘能能力和快速的凝固能力，即使打印极薄的产品，也不容易出现层间开裂现象。



A new generation of extruded grade PLA polymers, with the characteristics of whiteness, transparency, brightness and gloss, has stronger ability to resist hydrolysis and withstand the decay of use environment, The effective natural preservation life is increased by more than 25, and the 3D consumables produced have better surface gloss, smoothness and stronger adhesion between the print layer and the layer, At the same time, with excellent plasticization, high melt strength, the 3D consumables manufactured have a more uniform inner single crystal arrangement, The paper optimizes the bad phenomena such as node, bulge point and cross-section of consumables on the market, the strong adhesion ability between layers and the quick solidification ability, even if the product is very thin, it is not easy to appear interlayer cracking phenomenon.

Toughened PLA Series

增韧PLA系列: REVODE195、REVODE195-1



具有高光纯、高韧性和高光泽度等特点的3D耗材专用PLA聚合物，有效的解决了PLA耗材韧性及强度不足的缺点，带你完美演绎来自3D打印所带来的享受自由、快乐的体验。所制作的耗材不仅拥有绚丽的色彩美感而且还拥有高度的颜色保真能力、抗水解、耐寒能力，让耗材的使用在全球的每一个角落，无论是寒冷的北欧还是炎热的南非，都能随心所欲！



Having the characteristics of high light purity, high toughness and high gloss. Special PLA polymer for 3D consumable materials can effectively solve the shortage of toughness and strength of PLA consumable materials, and bring you the experience of enjoying freedom and happiness from 3D printing perfectly. The consumables not only possess gorgeous color aesthetics but also high color fidelity, hydrolysis resistance and cold tolerance, Let the use of consumables in every corner of the globe, be it cold Nordic or hot South Africa, can do anything!



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Special PLA Series 特种PLA系列:

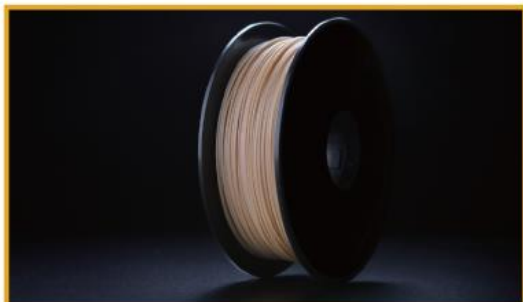


REVOKE195碳纤 本色为哑光黑色，在大型3D打印部件中，极易出现翘曲、收缩现象，而基于碳纤增强的这款耗材能完美解决这个问题，并且弯曲强度比普通PLA高出1.5倍，同时具备高强度、高刚度等优秀的机械性能。

REVOKE195CF Black matte in color, in large 3D print unit, This kind of material based on carbon fiber can solve the problem perfectly, and the bending strength is 1.5 times higher than normal PLA, and has excellent mechanical properties such as high strength and high rigidity. The material is easy to warp and shrink.

REVOKE195合金 本色洁白无瑕，具有高光泽性，这是一款超高性价比的耗材，性能上全面提升，断裂伸长率能达到200%以上，缺口冲击强度在20KJ/m²以上。具有高光泽性、高强度、耐冲击、高韧性、抗老化等优点。

REVOKE195Alloy Pure white with a high glossiness, This is a super-high performance-price ratio consumable material, performance improved overall, the elongation at break can reach 200, notch impact strength above 20KJ/m². It has the advantages of high gloss, high strength, impact resistance, high toughness and aging resistance.



REVOKE195木粉 打印3D作品接近实木效果，散发出木头的气味，可像木材一样可刨、可雕、可粘、可上漆。其挤出温度在210-220 °C，并根据不同的温度呈现不同深浅的木纹颜色效果。

REVOKE195Wood Print 3D works are close to solid wood, giving off the smell of wood, which can be planed, carved, glued, and lacquered like wood. The extrusion temperature is 210-220°C, and the color of wood grain is different according to different temperatures.



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Introduction of REOVDE products REVODE产品牌号介绍

	REVODE110	REVODE190	REVODE195	REVODE195-1	测试标准 TEST METHOD	
物理性质 Physical property						
密度 Density	g/cm ³	1.25 ± 0.05	1.25 ± 0.05	1.25 ± 0.05	1.25 ± 0.05	GBT 1033-2008
熔液流动指数 Melt index(190°C,2.16KG)	g/10min	5.0 ± 1.0	5.0 ± 1.0	3-6	6-10	GBT 3682-2000
熔点 Melting point	°C	160 ± 3	178 ± 3	—	—	GBT 19466.3-2004
玻璃化温度 Glass transition temperature	°C	60 ± 2	61 ± 2	60 ± 2	60 ± 2	GBT 19466.2-2004
机械性质 Mechanical property						
拉伸强度 Tensile strength	Mpa	> 50	> 55	> 50	> 45	GBT 1040-2006
断裂伸长率 Elongation at break	%	2-4	2-4	10-30	20-50	GBT 1040-2006
冲击强度 Impact strength	KJ/m ² , Izod	1-3	1-3	3-6	5-10	GBT 1843-2008

Introduction of REOVDE products REVODE产品牌号介绍

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熔液流动指数 Melt index(190°C,2.16KG)	g/10min	5.0 ± 1.0	5.0 ± 1.0	3-6	6-10	GBT 3682-2000
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机械性质 Mechanical property						
拉伸强度 Tensile strength	Mpa	> 50	> 55	> 50	> 45	GBT 1040-2006
断裂伸长率 Elongation at break	%	2-4	2-4	10-30	20-50	GBT 1040-2006
冲击强度 Impact strength	KJ/m ² , Izod	1-3	1-3	3-6	5-10	GBT 1843-2008



Foaming process

发泡加工

相对于挤片加工，发泡技术使产品更加轻便，显著降低产品的原材料成本，有效提高产品的耐温性和显著改善产品的韧性。

Compared with extrusion processing, foaming technology makes the product more portable, significantly reduces the cost of raw materials, and effectively improve product's temperature resistance and significantly improve the toughness of the product.

- ▶ 发泡倍率可高达25
- ▶ 耐温提高至80 - 100度

Foaming rate can be as high as 25
Temperature resistance increases to 80-100°C



发泡圆碗
Foaming round bowl



发泡填充物
Foam filler



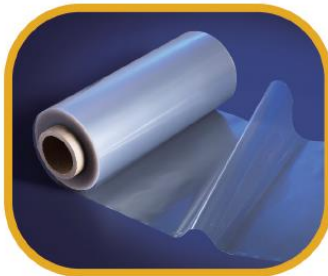
发泡餐盒
Foam lunch box

Film processing

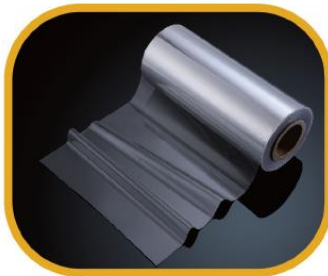
薄膜加工

塑料薄膜成型方法有很多，其中流延、挤出、压延这三种工艺较为常见。REVOKE聚合物能适应大部分的传统设备，通过各种工序加工成薄膜。

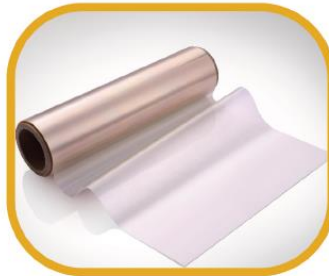
There are lots of methods to form plastic films, among which casting, extrusion and injection are most common. REVOKE polymer can adapt to most of the traditional equipment, and form film through a variety of processes.



流延膜
Casting film



双拉膜
BO film



高阻隔膜
High barrier film



淋膜纸杯
Coated paper cup



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Film blowing process

吹膜加工

据统计，每年世界上产生的塑料垃圾，可以绕地球四圈。而其中的绝大部分，都是塑料袋垃圾，它们是白色污染的主要来源。吹膜级REVOKE聚乳酸树脂能够有效解决这一问题，REVOKE塑料袋和包装最快只需47天便能降解回归自然。

According to statistics, every year plastic waste in the world can round the earth four times. And most of them are plastic bags, which are the main source of white pollution. Film blowing grade REVOKE PLA resin can effectively solve this problem. REVOKE plastic bags and packaging are able to degrade and return to natural as fast as 47 days.



垃圾袋
Garbage Bags



农膜
Agricultural Film



连卷袋
Rolling Bag



购物袋
Shopping Bags(picture)

Injection process

注塑加工

REVOKE聚乳酸树脂不仅成型迅速，而且在耐热性、安全性方面具有独到的优势，是一次性餐具、一次性牙刷、高尔夫球钉等产品的理想材料。

REVOKE PLA resin not only forms rapidly, but also has unique advantages in heat resistance and safety. It is an ideal material for disposable tableware, disposable toothbrush, golf nail and other products.



刀叉勺
Knife, fork and spoon



一次性牙刷
Disposable toothbrush



高尔夫球钉
Golf nail(picture)



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Other disposable products

其他一次性制品



毛巾
Towel



口罩
Mask





REVODE grade comparison REVODE牌号比较

物理性质 Physical property		REVODE110	REVODE190	REVODE213	REVODE711B	测试标准 Testing standard
密度 Density	g/cm ³	1.25 ± 0.05	1.25 ± 0.05	1.40 ± 0.05	1.25 ± 0.05	GBT 1033-2008
熔融指数 Melt index(190℃,2.16KG)	g/10min	4-6	4-6	13-22	3-6	GBT 3682-2000
熔点 Melting point	℃	160 ± 3	178 ± 3	160 ± 3	-	GBT 19466.3-2004
玻璃化温度 Glass transition temperature	℃	60 ± 2	61 ± 2	61 ± 2	61 ± 2	GBT 19466.2-2004
机械性质 Mechanical property						
拉伸强度 Tensile strength	Mpa	≥ 50	≥ 55	≥ 50	≥ 40	GBT 1040-2006
断裂伸长率 Elongation at break	%	≥ 3	≥ 2	≥ 2	≥ 100	GBT 1040-2006
冲击强度 Impact strength	KJ/m ² , Izod	≥ 1	≥ 1	≥ 2	≥ 5	GBT 1043-2008



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REVOKE in office REVOKE在办公室

不含石油基塑料成分的文具、数码产品外壳，为您的工作增添一分绿意。
Stationery and digital products contain no petrochemical plastic component, add green to your life.



REVOKE材质的
产品外壳
REVOKE material product shell



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REVODE in kitchen REVODE在厨房

用REVODE餐具换掉你厨房里的所有塑料，
创造优质用餐空间，
让你的生活更加丰富多彩！

Use REVODE to replace all the plastic in your kitchen and create high quality dining space, make your life richer and more colorful!



洗碗机使用安全
Dishwasher safe



蒸汽消毒安全
Sterilizer safe



微波炉使用安全
Microwave safe



冰箱使用安全
Refrigerator safe



高温使用无异味
Without peculiar smell in high temperature



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REVOKE in restaurant REVOKE在餐厅

高品质生活不仅是一种态度，还是一种行为方式
生活细节会自然流露出居住者的尊贵与品味
柔和的阳光洒在客厅的沙发上
茶几上用着REVOKE材质的茶具招待客人
将高品质生活无限放大

High quality of life is not only an attitude, but also a way of behaving.
Details of life will naturally reveal the dignity and taste of the occupant.
The soft sunshine sprinkled on the sofa in the living room.
The tea table is served with REVOKE tea set.
The quality of life between the drops is infinitely magnified.





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REVODE GIVES LIFE REVODE 给生活

它不仅是个杯子，更是健康的搬运工。即便遗忘或丢在户外，也不会污染环境。

It is not only a cup, but also a health porter. Even it is forgotten or lost outdoors, it will not pollute the environment.





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REVODE for baby

REVODE给宝贝

HEALTH AND SAFETY

健康成长是宝宝的快乐源泉，更是父母毫无保留的奉献
Health and safety are parents' biggest wishes for babies.



使用REVODE制造健康、安全的婴童产品，
保障宝宝在饮食方面的材料接触安全，
让宝宝从出生到成长的阶段都不会因产品安全隐患而影响身体健康成长。

Healthy growth is a source of baby's happiness, moreover,
is parents' unreserved dedication. Use REVODE to
manufacture healthy and safe baby products, to ensure
food contact safety for baby and protect baby from
product security risks since birth to growth stage.





REVODE grade comparison REVODE牌号比较

物理性质 Physical property		REVODE290	REVODE213S	REVODE213TR	测试标准 Testing standard
密度 Density	g/cm ³	1.25±0.05	1.40±0.05	1.35±0.05	GBT 1033-2008
熔融指数 Melt index(190°C,2.16KG)	g/10min	10-30	14-17	8-12	GBT 3682-2000
熔点 Melting point	°C	-	-	-	-
最高耐热温度 Heat resistant temperature	°C	-	110	110	-
玻璃化温度 Glass transition temperature	°C	61±2	61±2	61±2	GBT 19466.2-2004
机械性质 Mechanical property					
拉伸强度 Tensile strength	Mpa	≥50	≥50	≥40	GBT 1040-2006
断裂伸长率 Elongation at break	%	≥3	≥2	≥10	GBT 1040-2006
冲击强度 Impact strength	KJ/m ² ,Izod	≥1	≥2	≥3	GBT 1043-2008

物理性质 Physical property		REVODE219C	REVODE701	REVODE711	测试标准 Testing standard
密度 Density	g/cm ³	1.25±0.05	1.25±0.05	1.25±0.05	GBT 1033-2008
熔融指数 Melt index(190°C,2.16KG)	g/10min	3-6	15-25	15-25	GBT 3682-2000
熔点 Melting point	°C	-	-	-	-
最高耐热温度 Heat resistant temperature	°C	110	-	-	-
玻璃化温度 Glass transition temperature	°C	61±2	61±2	61±2	GBT 19466.2-2004
机械性质 Mechanical property					
拉伸强度 Tensile strength	Mpa	≥40	≥40	≥40	GBT 1040-2006
断裂伸长率 Elongation at break	%	≥5	≥5	≥20	GBT 1040-2006
冲击强度 Impact strength	KJ/m ² ,Izod	≥2	≥2	≥3	GBT 1043-2008