



Unilong Industry Co., Ltd

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Product name: PHB

CAS:26744-04-7

PHB is a thermoplastic bio-based polyester that can be composted and naturally degraded in a variety of environments, including industrial composting, domestic composting, soil degradation, river degradation, and Marine degradation. And has excellent heat resistance, strength, water oxygen barrier, low carbon characteristics

性能	典型值	单位
熔融指数 (190℃ , 2.16kg) Melting index (190℃, 2.16kg)	<1	g/10min
水分及挥发物 Moisture and volatiles	≤0.5	%
起始温度 Initial temperature	165	℃
熔点 Melting point	175	℃
结晶温度 Crystallization temperature	92	℃
玻璃转化温度 Glass transition temperature	3.2	℃
结晶度 crystallinity	65	%
密度 density	1.25	g/cm ³
灰分 Ash content	≤0.3	%
拉伸强度 Tensile strength	32.5	MPa

Transportation and storage:

During transportation and storage, the temperature should not exceed 80℃

Storage conditions: Avoid sun exposure, store at room temperature, keep dry and ventilated

Packaging:

Powder 15kg/ bag

Granule 25kg/ bag