

附表 1 堆肥原料基本理化性质

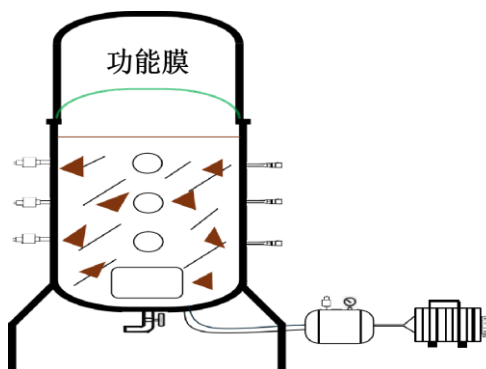
Table1 Basic physical and chemical properties of compost raw materials

指标 Items	羊粪 Sheep manure	油菜秸秆 Rape straw
有机质 Organic matter (%)	75.1±0.72	95.9±0.84
总有机碳 Total organic carbon (%)	43.4±0.44	55.9±0.48
总氮 Total nitrogen (%)	2.38±0.04	0.88±0.01
pH	7.88±0.06	5.82±0.08
电导率 Electrical conductivity (mS/cm)	2.86±0.04	0.55±0.01

附表 2 功能膜基本性能

Table 2 Properties of functional membrane

指标 Items	
总孔隙面积 Total pore area at 32,990.71 psia (m ² g)	0.306
中值孔径 Median pore diameter (area) at 23.02 psia and 0.153 m ² g (nm)	7855.63
平均孔径 Average pore diameter (4V/A) (nm)	13203.68
体积密度 Bulk density at 0.49 psia (g/mL)	0.5714
表观密度 Apparent (skeletal) density at 32,990.71 psia (g/mL)	1.3537
孔隙率 Porosity (%)	57.7859
透气性 Air permeability at 1000 Pa/38.48 cm ² (mm/s)	6.42
水蒸气穿透率 Water-vapor transmission (g/m ² /day)	3000



附图 1 堆肥反应器示意图

Fig. 1 Schematic diagram of composting reactor