

SK leaveo LeaveZero Technical Data Sheet

● SK leaveo LeaveZero Description

- SK leaveo LeaveZero is a biodegradable bioplastic formulated by copolymerizing 1,4-Butanediol, Adipic acid, and Terephthalic acid.
- High functional PBAT with excellent mechanical and processing properties¹⁾ containing natural additives. (processing properties¹⁾: Blown process, injection formability, T-die extrusion, Nonwoven processability)
- It meets international biodegradable certification standards.

● SK leaveo LeaveZero Physical Properties of Resin

Items		Unit	Specifications	Test method
Type		Melt flow	Low flow	Melt Viscos.
Density		g/cm ³	1.2~1.3	ISO 1183
Melt Viscosity	190°C, 2.16kg	g/10min	3~5	ISO 1133
Melt Temp.		°C	115~125	DSC
Color L/a/b		-	> 75/ < 5/ < 5	Color-meter
Moisture Contents		ppm	<500	Karl-Fischer



● SK leaveo LeaveZero Physical Properties of Sheet

Items	Unit	Specifications	Test method
Tensile Strength	MPa	35 ~ 45	ASTM D638
Elongation at break	%	850 ~ 1,050	ASTM D638

- The data is based on prototype and may vary depending on the measurement conditions
- Packing Unit: 25kg, 500kg, 1,000kg Bag
- Transportation/Storage : below 45°C, Store in a cool place (relative humidity less than 50%)
- Drying : Dehumidifying dry at 75°C for 4hr
 - * Dehumidifying dry before the process if the moisture contents is more than 500ppm
 - * Keep & manage the moisture content below 500ppm
- Expiration date: 1 year when unopened, stored at room temperature (below 25°C)

