
GLOSSARY OF TECHNICAL TERMS

This glossary contains certain definitions and technical terms used in this document in connection with our business. As such, some terms and definitions may not correspond to standard industry definitions or usage of such terms.

“CAGR”	compound annual growth rate
“Central China”	a geographical region of China, consisting of Henan province, Hubei province and Hunan province
“compound”	a substance formed from the mixing and/or blending of two or more elements
“Disposable Biodegradable Shopping Bags”	for the purpose of calculating our market share, the term disposable biodegradable shopping bags include both (i) biodegradable shopping bags and (ii) biodegradable produce bag rolls
“East China”	a geographical region of China, consisting of Shanghai, Jiangsu province, Zhejiang province, Anhui province, Shandong province, Fujian province, and Jiangxi province
“EBS”	ethylene bis stearamide, a synthetic wax, an additive used during our manufacturing process
“Erucamide”	a primary fatty amide resulting from the formal condensation of the carboxy group of erucic acid with ammonia, an additive used during our manufacturing process
“GB/T 33798-2017”	national standard for bio-polyester drum-linkage bags (生物聚酯連卷袋), released in May 2017 and became effective in December 2017, which states that all bio-polyester drum-linkage bags in the PRC shall comply with the specified requirements (such as dimension margin of error, colour, smell, appearance, tear resistance, stretchability and usability)

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“GB/T 38082-2019”	national standard for biodegradable plastic shopping bags (生物降解塑料購物袋), released in October 2019 and became effective in May 2020, which states that all biodegradable plastic shopping bags in the PRC shall comply with the specified requirements (such as dimension margin of error, colour, smell, appearance, thickness, tear resistance, stretchability and weight holding capacity)
“ISO”	International Organisation for Standardisation
“kg”	kilogram(s)
“North China”	a geographical region of China, consisting of Beijing, Tianjin, Hebei province, Shanxi province and Inner Mongolia Autonomous Region
“Northeast China”	a geographical region of China, consisting of Jilin province, Heilongjiang province and Liaoning province
“PBAT”	polybutylene adipate terephthalate, a fossil-based biodegradable random copolymer. One of the major ingredients of our biodegradable products
“PBS”	polybutylene succinate, a fossil-based thermoplastic polymer. One of the major ingredients of our biodegradable products
“PBT	polybutylene terephthalate, a bio-based thermoplastic. One of the major ingredients of our biodegradable products
“PCC”	precipitated calcium carbonate, derived from lime, an additive used during our manufacturing process
“PE”	polyethylene, a light, versatile synthetic resin made from the polymerization of ethylene, which is fossil-based and mainly obtained from petroleum or natural gas. One of the major ingredients of our non-biodegradable products

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“PE-HD”	high-density polyethylene, a thermoplastic polymer produced from the monomer ethylene that has a high strength-to-density ratio. It has a low degree of branching, and the mostly linear molecules pack together well, so intermolecular forces are stronger than in highly branched polymers
“PE-LD”	low-density polyethylene, a thermoplastic polymer produced from the monomer ethylene that has a high degree of short- and long-chain branching, which results in a lower tensile strength and increased ductility
“PE-LLD”	linear low-density polyethylene, a substantially linear polymer (polyethylene) with significant numbers of short branches, which has higher tensile strength than PE-LD. It also exhibits higher impact and puncture resistance than PE-LD
“PET”	polyethylene terephthalate, a fossil-based non-biodegradable plastics derived from petrochemicals, which are obtained from fossil crude oil, coal or natural gas. One of the major ingredients of our non-biodegradable products
“PLA”	polylactic acid, a bio-based biodegradable polyester derived from renewable biomass, typically from fermented plant starch, such as corn, cassava, sugarcane or sugar beet pulp. One of the major ingredients of our biodegradable products
“PP”	polypropylene, a thermoplastic polymer produced via chain-growth polymerisation from the monomer propylene; which is fossil-based and is produced as a co-product of ethylene production through steam cracking of hydrocarbon feedstocks or as a by-product of petroleum refining. One of the major ingredients of our non-biodegradable products.
“Production Yield”	an indicator of the efficiency of our use of raw materials during the production process. It is a ratio of the production quantity of products available for sale over the quantity of raw materials used
“R&D”	research and development

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“South China”	a geographical region of China, consisting of Guangdong province, Guangxi Zhuang Autonomous Region, and Hainan province
“Southeast China”	a geographical region of China, consisting of Guangdong province, Guangxi Zhuang Autonomous Region, Shanghai, Jiangsu province, Zhejiang province, Anhui province, Shandong province, Fujian province, Jiangxi province and Hainan province
“sq.m.”	square metre(s)
“tonne”	metric tonne/thousand kilograms