# Environmental Data 2025

| Plastics for containers and packaging*1*2 | Unit | Consumer Business | Industrial Business | Group Total |
|---|---|---|---|---|
| Amount/ratio of plant-based/recycled plastics used | Ton | 758 | 325 | 1,083 |
| | % | 22% | 82% | 28% |
| **Post-consumer packages and containers*1*2*3** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Amount/ratio of recyclable or reusable material used | Ton | 2,600 | 2,152 | 4,752 |
| | % | 58% | 100% | 71% |
| **Paper for containers and packaging*1*4** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Amount/ratio of FSC®-certified or other certified paper used*11 | Ton | 698 | 53 | 751 |
| | % | 89% | 85% | 89% |
| **Palm oil (derived ingredients) for products*5** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Amount/ratio of RSPO-certified or other sustainable palm oil*12 | Ton | 1,761 | No use | 1,761 |
| | % | 51% | | 51% |
| **Breakdown of water use (water withdrawal)*7** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Tap water | m3 | 125,446 | 9,923 | 135,368 |
| Industrial water | m3 | 973 | 41,481 | 42,454 |
| Groundwater*6 | m3 | 8,802 | 0 | 8,802 |
| River water | m3 | 395,785 | 0 | 395,785 |
| Reduction of water use per unit of production | % | -4% | -41% | -26% |
| **$CO_2$ emission（Scope1+2）*7** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| $CO_2$ emission | Tons-$CO_2$ | 5,761 | 11,347 | 17,108 |
| $CO_2$ reduction | % | -60% | -59% | -59% |
| **Energy consumption*8** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Electricity | kWh | 37,239,011 | 36,779,335 | 74,018,346 |
| Heavy oil | L | 0 | 380,000 | 380,000 |
| Kerosene | L | 0 | 41,143 | 41,143 |
| LPG | kg | 496,294 | 110,849 | 607,143 |
| City gas | m3 | 405,911 | 153,484 | 559,395 |
| Water Including product use | m3 | 531,006 | 51,404 | 582,409 |
| Gasoline | L | 57,811 | 55,305 | 113,115 |
| Diesel oil | L | 4,541 | 40,123 | 44,664 |
| **Breakdown of electricity use*8** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Renewable Private power generation | kWh | 1,121,948 | 729,523 | 1,851,471 |
| Purchased | kWh | 28,863,554 | 20,799,492 | 49,663,046 |
| Non-renewable Private power generation | kWh | 201,203 | 0 | 201,203 |
| Purchased | kWh | 7,453,402 | 16,486,587 | 23,939,989 |
| Ratio of renewable electricity | % | 80% | 57% | 68% |
| **Raw material usage*9** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Raw material | Ton | 26,011 | 54,243 | 80,254 |
| Water（included in total) | Ton | 14,912 | 0 | 14,912 |
| Packaging Materials | Ton | 5,962 | 6,377 | 12,338 |
| **Amount of waste** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Industrial waste | Ton | 1,796 | 4,798 | 6,594 |
| General waste | Ton | 52 | 2,460 | 2,512 |
| **PRTR substances (Japan)*10** | **Unit** | **Consumer Business** | **Industrial Business** | **Group Total** |
| Volume | Ton | 111.9 | 340.1 | 452.0 |
| Transfer or emissions | Ton | 1.3 | 5.5 | 6.9 |

＊Scope of data: For the Group's own global plants, excluding US oral care product plants, unless otherwise stated.
Consumer Business = Oral care products, cosmetics, health foods, and other consumer product-related businesses
Industrial Business = Adhesives and sealants for automobiles, construction and electronics, and metal parts for motorcycles and automobiles excludes TOYOPOLYMER CO., LTD.
＊1 Includes European procurement for consumer business, excludes TSUBAMEX CO.,LTD.
＊2 Product containers and primary packaging materials (excluding materials procured by subcontractors for Japanese Consumer and Industrial Businesses)
＊3 Recyclable or reusable material = Easily separable by material after product use
＊4 Primary packaging materials (excluding materials procured by subcontractors for Japanese Consumer and Industrial Businesses)
＊5 In-house procurement, mass-balance products
＊6 Excludes groundwater from the Yamanashi Plant and the Industrial Business ＊7 Includes US sites in the Consumer Business
＊8 Includes Consumer Business production sites in the U.S. and own offices in Japan, the Americas, and Europe
＊9 Packaging materials exclude subcontracted products and include secondary packaging materials
＊10 1 ton or more per year of Class I Designated Chemical Substances under Japan's PRTR (Pollutant Release and Transfer Register) Law
Specified Class I designated chemical substances of 0.5 tons or more per year
＊11 FSC®＝Forest Stewardship Council® | FSC N003962 | More about FSC: www.fsc.org
＊12 RSPO（Roundtable on Sustainable Palm Oil）For more on our RSPO Membership Progress, see https://rspo.org/members/12085