



To reduce the impact on the environment, Sumitomo Bakelite has set medium- to long-term targets and is mounting a companywide effort to attain them.

Medium- and Long-Term Environmental Impact Reduction Targets

■ Aiming to Attain Targets for Fiscal 2010

Waste generation:	35% reduction
Zero-emissions-designated substances:	99% reduction
Air emissions of solvents and other chemical substances:	95% reduction
CO₂ emissions:	10% reduction

(Base year: 1999)

Definitions

Waste generation: Aggregate volume of industrial and general waste from business sites

Zero-emissions-designated substances: Aggregate volume of landfill and incinerated waste without energy recovery

Air emissions of solvents and other chemical substances: Emissions of solvents and other chemical substances targeted by the Japan Chemical Industry Association (JCIA) Pollutant Release and Transfer Register (PRTR) assessments (including substances targeted for reporting pursuant to the PRTR Law)

CO₂ emissions: CO₂ emissions due to energy (fuel and electricity) used in business activities, such as production and research

Environmental Impact Reduction Performance and Targets

Action	Unit	1999 (base year performance)	2006 performance	2007 performance	2008 performance	2009 plan	Medium- to long-term target (fiscal 2010)
Waste generation	Tonnes	12,800	11,317 (12% reduction)	10,017 (22% reduction)	7,818 (39% reduction)	7,802 (39% reduction)	8,285 (35% reduction)
Zero-emissions-designated substances	Tonnes	7,053	287 (96% reduction)	227 (97% reduction)	201 (97% reduction)	123 (98% reduction)	58 (99% reduction)
Air emissions of solvents and other chemical substances	Tonnes	3,164	400 (87% reduction)	317 (90% reduction)	194 (94% reduction)	177 (94% reduction)	150 (95% reduction)
CO₂ emissions	Tonnes	130,769	134,785 (3.1% increase)	122,559 (6.3% reduction)	108,568 (17.0% reduction)	108,236 (17.2% reduction)	117,692 (10.0% reduction)

Notes: 1. Numbers in parentheses are rates of reduction or increase based on fiscal 1999 levels.

2. CO₂ emissions are calculated based on the Act on Promotion of Global Warming Countermeasures.

Environmental impact figures are compiled from data from the following business sites:

Sumitomo Bakelite Co., Ltd.: Amagasaki Plant, Kanuma Plant (included from 2006), Nara Plant (included from 2006), Utsunomiya Plant, Tsu Plant, Shizuoka Plant (including subsidiaries and consolidated affiliates on the premises), Industrial Laminates Plant, High Performance Plastic Products Plant, Fundamental Research Laboratory, and Kobe Fundamental Research Laboratory

Akita Sumitomo Bakelite Co., Ltd., Arlite Kogyo Co., Ltd., S.B. Techno Plastics Co., Ltd., Hokkai Taiyo Plastic Co., Ltd., Yamaroku Kasei Industry Co., Ltd., Kyushu Bakelite Industry Co., Ltd., Suzuka Plant of Decolanitto Co., Ltd. (included from 2004 through July 2008), Kyodo Co., Ltd. (including from 2006 through February 2009), Y-Techs Co., Ltd. (included from 2006), and Sano Plastic Co., Ltd. (included through June 2002)

Note: These medium- to long-term targets were set in 2000 and have been revised along with the integration and closure of certain business locations.