

The Sekisui logo features the word "SEKISUI" in a bold, blue, sans-serif font. A small red dot is positioned above the letter "i".The Voltek logo consists of the word "VOLTEK" in a bold, red, sans-serif font.

INNOVATIONS LEADING TO SUSTAINABLE FOAM



A better and more sustainable future starts with the actions we take today. **As a leader in the foaming industry, the development of sustainable foams**

will be a **driving force** for our future as we continue **to innovate new solutions**. Sekisui Chemical, our parent company, helps to drive our vision and has been named one of the Global 100 Most Sustainable Corporations since 2018.

Filled Foams

Calcium Carbonate filled PE foams replace the plastic with sustainable filler content, creating a product that contains less plastic.

Benefits of CaCO_3

- Approximately 15% reduction in greenhouse gas compared to equivalent non-filled products
- Due to the filler content, general extension and compression properties are weaker than non-filled foam. However, the thermal stability is slightly improved.
- This option may provide a potential cost savings over our standard foams

Recycled Resins

Our target is to provide 100% recycled foams by utilizing post-industrial and post-consumer recycled resins. We are continuously looking for new sources that are able to help reduce carbon emissions, while still providing a consistent, high quality and durable product.

Benchmarks for the Future

- Over the next decade, OEMs have set various percentage targets indicating the amount of PCR materials that should be used
- Packaging is requiring a mandatory minimum of 15% PCR material by 2025 and increase to 30% by 2030

We are excited about the possibilities using PCI and PCR materials and look forward to bringing these options to market. If you have a product that you would like to test in production, please contact our Research and Development manager at Keigo.shimura@sekisuivoltek.com.