



CHEMICALS DIVISION

Recycled Plastics: Substantiate that your recycled plastics are safe and green

Plastics producers can now help product manufacturers use recycled plastics to achieve both their environmental and product safety requirements. For over a century, UL has been serving customers to help bring safe products to market. Because we rigorously test and perform on-site auditing, our UL Mark has come to signify the highest levels of quality and trust.

Innovative Solutions: Safety Certification and Environmental Claim Validation for Recycled Plastics

UL's safety certification program evaluates plastics with recycled content (pre- or post-consumer) for compliance to UL safety Standards so they can be used in components and end-products where UL requirements are defined. This meticulous safety certification program enables a recycled plastic to have the same level of acceptability as a virgin compound in end-use applications when compliance to UL 94, UL 746A and UL 746B is required. These UL safety Standards are globally recognized and have been around for over 40 years. The newly updated requirements in UL 746D were written to ensure that recycled materials not only comply with the applicable requirements when material is initially evaluated, but that they also maintain compliance on an ongoing basis.

Did you know?

UL has designed over 1,400 safety standards to reduce the risks of fire, electric shock and personal injury. Many of these standards include plastic requirements that define the burning, ignition, electrical tracking, and other physical and mechanical characteristics to ensure the plastic is suitable for its application.

UL's environmental claim validation program for recycled plastics validates the percentage of post-consumer, pre-consumer (post-industrial) or total recycled content of a product. The environmental claim validation provides transparency that a recycled plastic has been independently audited by an independent third party and meets the claims the manufacturer is making. This allows you to communicate environmentally preferable recycling attributes clearly and credibly to your customer.

The safety certification and environmental claim validation are designed to provide you with a powerful tool for differentiation in an increasingly cluttered marketplace and empower you to enter new markets by:

- **Extending your customer reach** — Once your material is found to meet UL's requirements, the information is made available on UL's Prospector® and Sustainable Product Database. This enables manufacturers who are searching for recycled plastics to easily find your product.
- **Access to industry experts** — You have access to the expertise and experience of UL engineers to guide you in making sure products meet rigorous safety standards and appropriate claims are made to avoid "green washing."
- **Providing quality and trust** — Manufacturers can rely on one of the world's most trusted names in third-party product safety and sustainability—UL.



For more information T: 877.UL.HELPS (877.854.3577) or cec@ul.com

UL's safety certification and environmental claim validation programs are designed to substantiate to the marketplace that recycled plastics, in fact, live up to their statements. However, manufacturers can choose either a safety certification or an environmental claim validation. We encourage you to contact UL to learn more about which services are best for your needs.

About UL

UL is a premier global independent safety science company with more than 118 years of history. Employing more than 10,000 professionals with customers in over 100 countries, UL has five distinct business units — Product Safety, Environment, Life & Health, Knowledge Services, and Verification Services — to meet the expanding needs of our customers and to deliver on our public safety mission. For more information on UL's family of companies and global network of laboratory, testing, and certification facilities, go to UL.com.

New to UL?

UL has the expertise and resources to meet your needs. Contact us, and we will help you navigate what is best for you and your company.

How to get started:

For more information on UL services and how they can benefit your company, contact us at [877.UL.HELPS \(877.854.3577\)](tel:877.UL.HELPS) or cec@ul.com

For more information T: [877.UL.HELPS \(877.854.3577\)](tel:877.UL.HELPS) or cec@ul.com