

Star Plastics Recycled-Content Materials Receive New UL Environmental Certification

ULE 2809 validates the recycled material used to compound Star Plastics' product line at partner Shandong site, including post-consumer recycle, internet technology equipment recycle, and ocean-bound plastics.

Ravenswood, WV (September 16, 2020) – Star Plastics, Inc, headquartered in WV USA, together with partner site Star Advance Materials (Shandong) Co Ltd. in China, receives certification through UL Environmental (ULE) to produce post-consumer recycled (PCR) products under the ULE requirements.

The ULE certification for Star Plastics' products manufactured at the Shandong location validates PCR supply streams through various site audits and documentation of material movement from source to compounding. This certifies that the PCR content used to compound the product line is certified recycled material, sourced from known origins.

ULE certified over 25 grades of Star Plastics' ABS, PCABS and PC compounded products, which all contain a range of 5% to 85% recycled plastic. The recycled-content percentages of these materials are comprised of varying combinations of Post-Consumer recycled content, Internet Technology Equipment (ITE) recycled material, and/or Ocean Bound Plastics (OBP).

According to leadership at Star Plastics, a long-term customer partnership drove this investment to have third-party validation of the sustainable materials. “OEMs want that validation, that the sustainability claims they’re making to their customers through using our material are true. This gives them credibility in the market, gaining their customers’ trust,” says Asia Chief Representative for Star Plastics Michael Watson.

Through partners in China, Star has been a self-declared post-consumer material compounder since 2008, developing products with customers to satisfy their environmental initiatives in the electronics and personal computer markets. These products have been developed using ocean-bound and other post-consumer recycled content materials in collaboration with major OEMs, and Star leaders are excited to have their hard work validated by an external party.

“We’ve developed these products to get them where they are today, and we’re proud to have an external group endorse our work. This demonstrates our integrity in what we’ve been doing all these years,” adds Watson.

With the rise in demand of recycled-content materials such as post-consumer and ocean-bound plastics (OBP), there was a market need in validation of these materials. As a regulatory compliance company, UL stepped in to validate the work. UL Environmental aims to support suppliers who are putting in time and energy working with PCR and OBP to combat against those with false claims of recycled content. The certification, UL 2809, measures and validates pre-consumer and/or post-consumer defined source material content.

“As one of only a handful of companies with this UL Environmental certification, we’re excited to be in the forefront of offering outside verification for our sustainable, recycled-content products,” says Doug Ritchie, Star Plastics President and CEO.

This ULE-certified Star product line is currently utilized in electronic applications such as laptops, printers, and data trays. However, these PCR-validated materials would be well-suited for any application that uses ABS, PCABS, and PC polymers for any OEM with sustainability initiatives.

“This is a great opportunity for companies who are developing their environmental initiatives to make their supply chain more sustainable with a Star –a trusted recycled-content material supplier,” finished Watson.

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About Star Plastics

Star Plastics, Inc. is a dependable compounder of engineering grade thermoplastics headquartered in Ravenswood, West Virginia. With accomplished full-service labs to develop, test, and process materials, Star Plastics offers high quality custom color compounding (known for lot-to-lot consistency), and sourcing, supplying and tolling polymer services. The team at Star Plastics prides themselves on being responsive to customer requirements with a high level of technical aptitude and strong product knowledge. For more information visit www.starplastics.com.

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