



QolorTech[®] ReQreate

Circular Economy Solutions

Recreate the Performance of a Compound Using Recyclates

Re-stabilizing recycled polyolefins with QolorTech[®] ReQreate yields longer lasting materials and thus advances repurposing and the circularity of plastics.

Applications

Designed for recycled Polyolefins for extrusion and injection molding processes.

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Establishing a circular plastics economy presents challenges for polymer producers. Sustainability trends, regulation and brand owners demand recyclability and increased recycled content. To enhance the quality of recycled formulations, UV stabilizers and antioxidants for polyolefins are the materials of choice for upcycling purposes. By incorporating QolorTech® ReQreate, reusing and recycling polyolefins with such high-performance masterbatches becomes a practical way to minimize waste and advances towards a circular economy that promotes innovative and valuable products.

Benefits

- Facilitates the upcycling of recycled feedstock and enables circularity
- Slows down the degradation of mechanical properties
- Yields excellent melt flow retention after multiple extrusion cycles enhancing second life performance
- Broader processing window
- Performs identical to 100% virgin resins under accelerated weathering
- Proves little color deviation (Delta E) and outstanding gloss retention over extended UV exposure

