

CRZ

Closed Loop Recycling
Zero Waste System



Every year, 48 million tons of garment and textile waste are produced. To address this issue, Libolon presents the CRZ system, an innovative garment recycling technology that emphasizes sustainability and low carbon emissions in the textile industry to achieve a circular economy and sustainability goals.

To address customers' needs and offer a diverse range of specifications and functionalities, the CRZ system provides yarns with GRS certification under compositions of garment waste ranging from 20% to 100%.

Features



Mechanical recycling - Less energy and chemicals are used compared to a chemical recycling process.



Outstanding physical property - similar to Recycled PET bottle polyester.

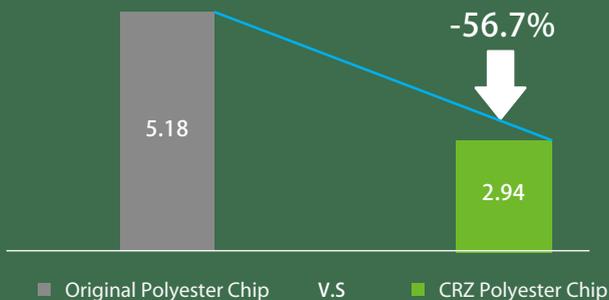


Derived from garment and textile waste sources - reducing gasoline consumption as well as carbon emissions.

Comparison of the CO2 emission

CRZ: Carbon Emissions Reduction (unit: tons.CO2e / ton PET)

Carbon consumption within Product Life cycle (Chip Level)



Certification

- Global Recycled Standard (GRS 4.0)



- Oeko-Tex Standard 100



Specification

- DTY 20D - 300D
- Range of dpf: 0.83 -
- Luster: Semi-dull



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