

PRODUCT TECHNICAL DATASHEET

Product Name: Regular Solid Siliconized and Non Siliconized Fibers
Origin: Manufactured in **Turkmenistan** from 100% Recycled PET Bottles



Product Description

A high-quality, regular hollow siliconized polyester staple fiber made from post-consumer recycled PET bottles. Designed for excellent bulk, resilience, and comfort, ideal for use in filling, insulation, and nonwoven applications.



| SPECIFICATION ELEMENTS | AIM | LIMITS |
|---|-------------------|--------|
| Denier (D) | 7-15 | ±0.9 |
| Denier Deviation Rate (%) | 10 | ≤ |
| Length Deviation Rate | 10 | ≤ |
| Overlength (%) | 1 | ≤ |
| Multiple length (mg/100g) | 10 | ≤ |
| Defects (mg/100g) | 150 | ≤ |
| Folds content | 8 | ±2 |
| Humidity | 0.2 | ≤ |
| Specific Resistivity ($\Omega \cdot \text{cm}$) | 1*10 ⁷ | ≤ |
| Content (%) | 0.4 | ±0.4 |
| Type RSS (Regular Solid Siliconized) | * | * |
| Length mm | 26 - 51 - 76 | ± |
| Class PET recycled | * | * |

Applications

- ◆ Pillow & cushion filling
- ◆ Quilts and comforters
- ◆ Upholstery & furniture
- ◆ Toys & soft furnishings
- ◆ Insulation (thermal/sound)
- ◆ Filtration & nonwoven fabric production

Sustainability

- ◆ Produced using post-consumer PET bottles
- ◆ Contributes to reduced landfill waste
- ◆ Aligned with global recycling and green manufacturing practices

Packaging

- ◆ Baled & Strapped
- ◆ Weight per Bale: Approx. 200–230 kg
- ◆ Load per 40'HQ: Approx. 22–24 MT
- ◆ Custom packaging available upon request

