

PolyVolveTM

The Next Evolution in Polyester Technology

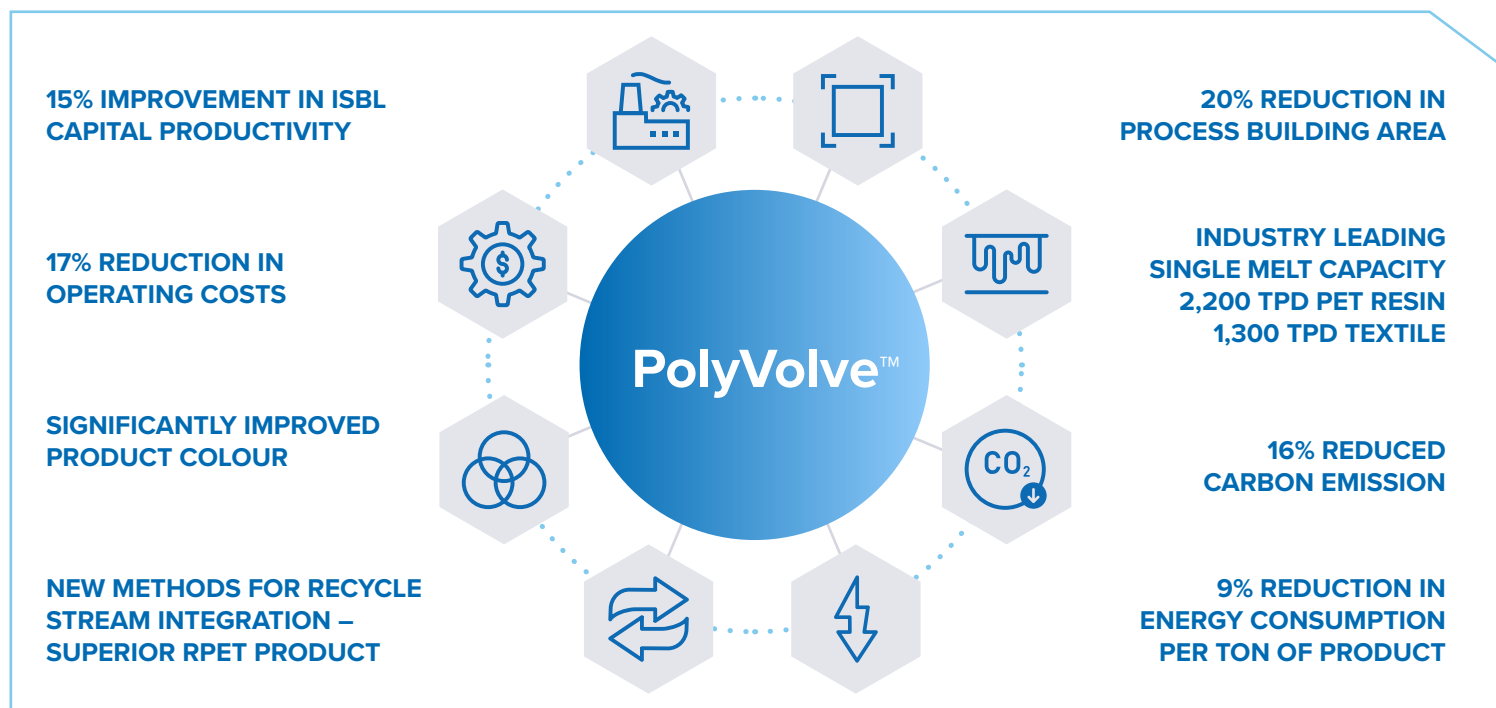
Unlock the potential of polyester production with our cutting-edge polymerization technology.

Join us at the forefront of innovation, driven by a partnership between Koch Technology Solutions, Chemtex Global Corporation, and Polymetrix AG.

The Evolution of Technology

Using our 50 years of know-how, we have evolved to make our 3-vessel continuous polymerization (CP) technology even better. Raw materials, including recycle feedstocks, first react in a thermo-syphon reactor before passing to a state-of-the-art pre-polymerizer and finisher reactor to produce market-leading PET resin, fiber & film suitable for the most demanding applications.

To meet final product specification, we work with our customers to meet the local and global demands, be that spherical or cylindrical pellet, or a range of fiber grades. Our nitrogen-based solid-state polymerization (SSP) technology ensures optimum aesthetics, product clarity and low volatile organic compounds (VOCs).



**As compared to KTS' previously established offering*

Why Choose Us?



Unmatched scale & expertise



High capital efficiency



Low energy consumption



High reliability



Superior product quality



Deep knowledge of polyester chemistry, plant design, & operation



Proven track record of global execution across five decades

De-risked polyester investment by combining all of these factors

Polyester Licensing Dashboard

- ▶ **180+ Polyester projects in 50 years**
- ▶ **3.00 Million tons capacity under construction**
- ▶ **32+ Million tons of licensed capacity**
 - **14+ Million PET**
 - **18+ Million textile**
- ▶ **Global Project Experience Americas, MENA, Europe, Asia**
- ▶ **10 Plants commissioned in the past five years**
- ▶ **40% of Operating Global PET Capacity is Chemtex - Koch Technology Solutions supplied**
- ▶ **2,200 TPD Largest Single Line CP – Superior OPEX and capital productivity reliability, flexibility, long-term client satisfaction**

Key Benefits for You

- **Global Acceptance:** Trusted across the Americas, Asia, and EMEA—ensuring reliability and performance worldwide.
- **Optimized efficiency:** Industry-leading capital efficiency and operating cost savings, delivering rapid returns on investment.
- **Precise Control:** Achieve consistent quality with precise Intrinsic Viscosity (IV) control tailored to your needs.
- **Superior Aesthetics:** Maintain impeccable polymer color integrity, meeting the highest industry standards.
- **Innovative Recycling:** Pioneering patented technologies for recycled PET, supporting sustainability goals.

Integrated Solutions for Tomorrow

Explore integrated PTA-PET solutions optimizing technology interfaces. Benefit from streamlined operations, comprehensive training, and ongoing support for peak efficiency.

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Multiple Projects for Major Companies

Reliance
32 projects

Xin Fengmin
21 projects

Sanfangxiang
16 projects

Indorama
12 projects

SASA
6 projects

Tongkun
10 projects

Far Eastern
6 projects