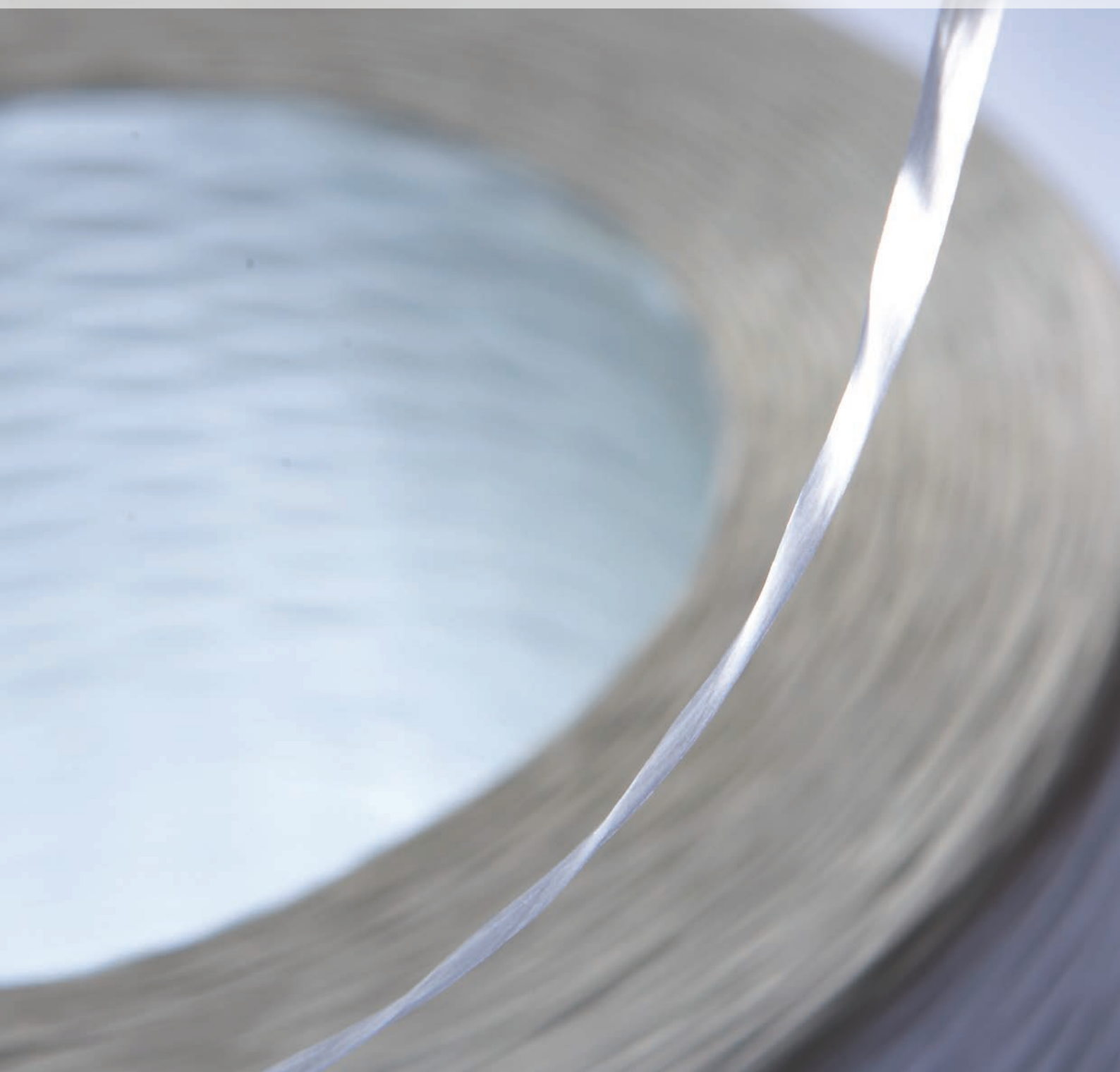




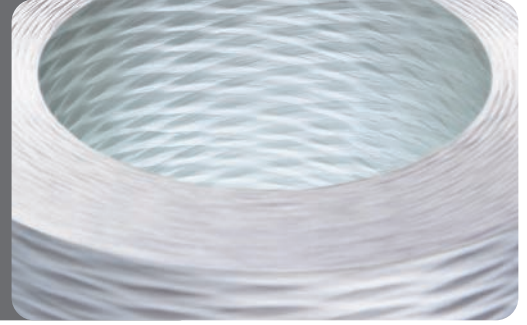
# **PERFORMAX<sup>®</sup> SE4850 SINGLE-END ROVING**

Redefining Direct Long Fiber Thermoplastics PP Performance



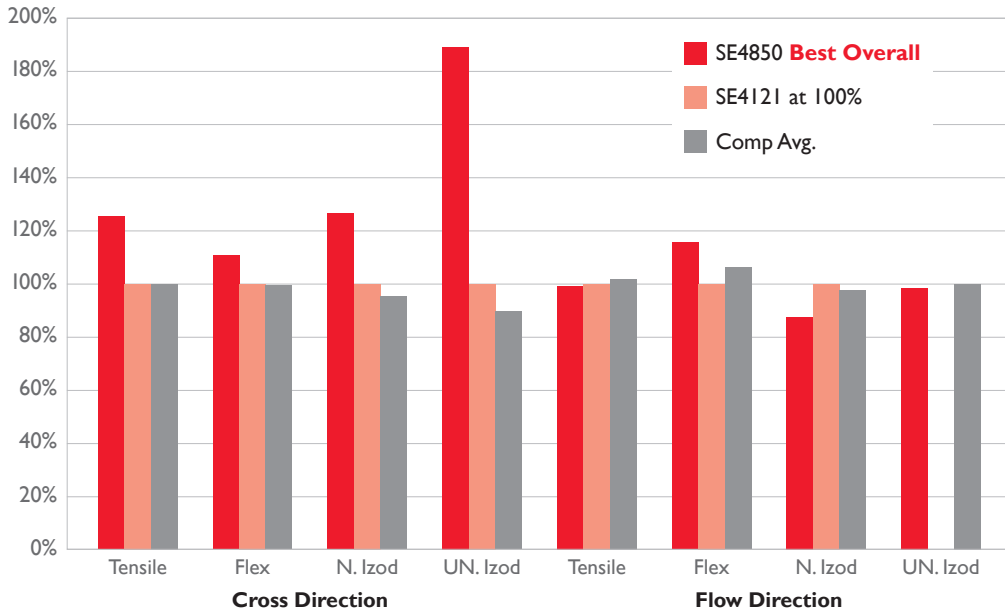
## REDEFINING DLFT PP PERFORMANCE

- For value-added DLFT manufacturing processing and overall system cost reduction
- For a variety of DLFT applications requiring intricate function integration, particularly in automotive (structural and semi-structural challenging complex parts)



## EXCELLENT MECHANICAL PROPERTIES FOR HIGH PERFORMANCE

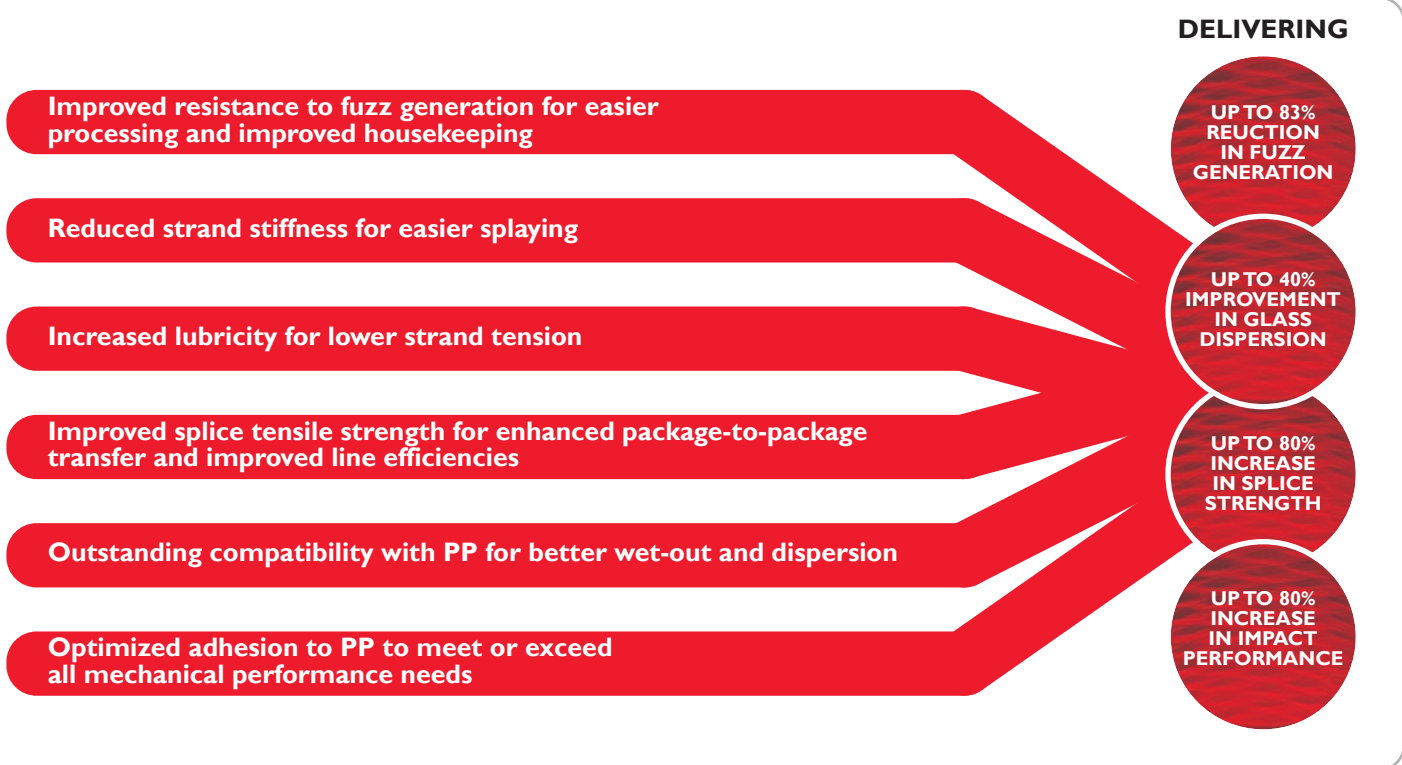
### Mechanical Properties



Outstanding mechanical properties deliver up to **80%** increase in impact strength

Potential for reduced wall thickness and/or reduced use of coupling agent for comparable end-use performance

## REDEFINED PRODUCT BENEFITS



Data sources:  
 Mech. prop.: 30% Glass Content; compression molding, Fraunhofer institute Molding  
 Owens Corning internal Testing – Granville, Q4 2014  
 Fuzz: vs. other DLFT reinforcements, Owens Corning internal tests – Ibaraki  
 Glass dispersion: vs. Competitor product, Owens Corning Granville and Ibaraki Testing  
 Splice strength: vs. Owens Corning historic standard, Owens Corning internal tests – Ibaraki.

## WHY CHOOSE OWENS CORNING?

Globally available products manufactured in multiple facilities providing unrivaled supply redundancy

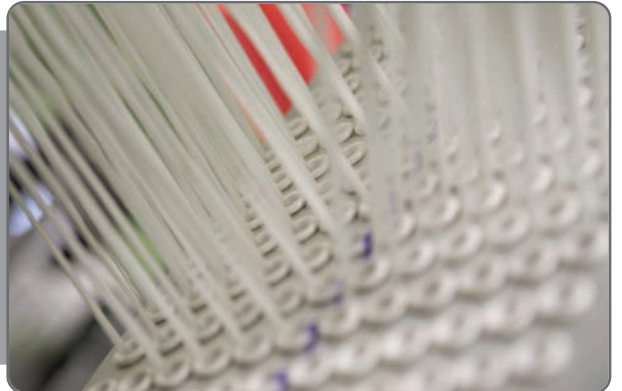
- Amarillo, TX, USA
- Doudian, China
- Gous, Russia
- Kimchon, Korea
- L'Ardoise, France
- Mexico City, Mexico
- Rio Claro, Brazil
- Taloja, India
- Thimmapur, India
- Yuhang, China



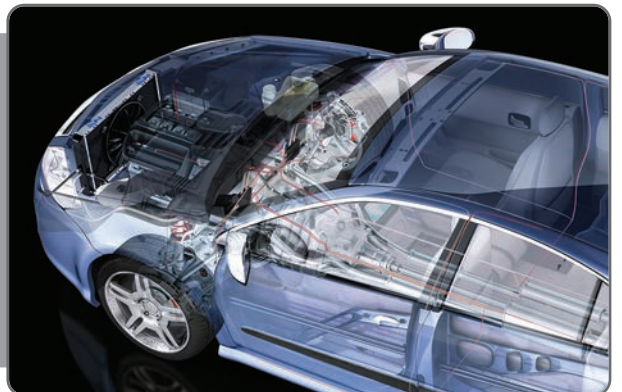
Local technical support combined with global account coordination provides customers with outstanding response times and vital market intelligence



Broad range of glass fiber products offers customers more specialized combinations of polymer/resin matrix and reinforcement options



Inventor of Type 30<sup>®</sup> Single-End Roving with a long history of introducing innovative, robust products that meet stringent performance and quality requirements throughout the value chain





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This information and data contained herein is offered solely as a guide in the selection of reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance regulation.

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