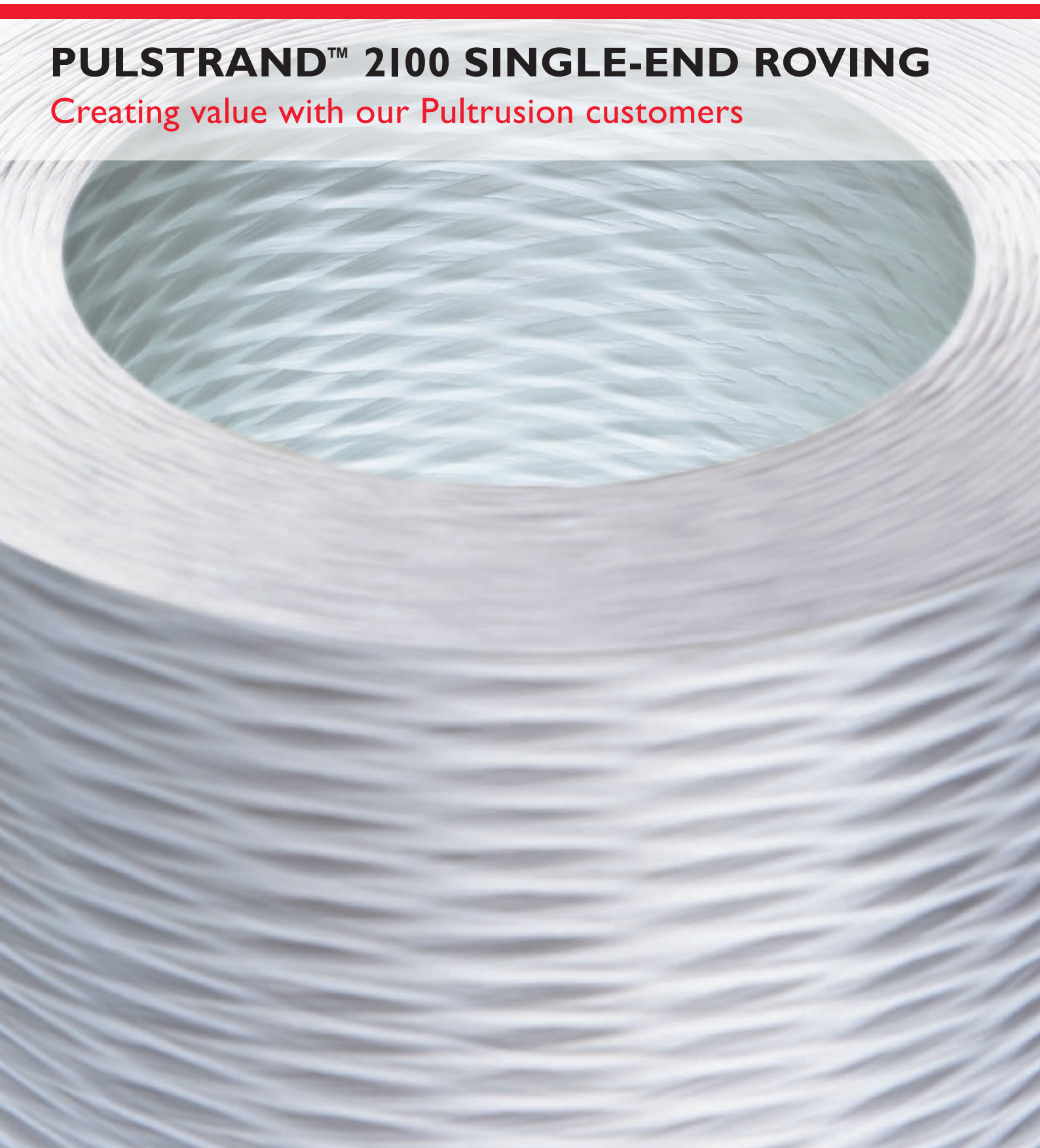




# **PULSTRAND™ 2100 SINGLE-END ROVING**

Creating value with our Pultrusion customers



## ALLOWING PULTRUSION DEVELOPMENT

- For the fast growing rebar market in Russia
- For the pultrusion of rebars with major resin systems and dip bath
- Compatible with polyester, vinyl ester, polyurethane, and epoxy resins
- Available in NA and CIS (Commonwealth of Independent States)

<sup>1</sup> CIS rebar market, Owens Corning estimates

Annual  
growth rate  
Approx.  
**+20%**  
by 2020<sup>1</sup>

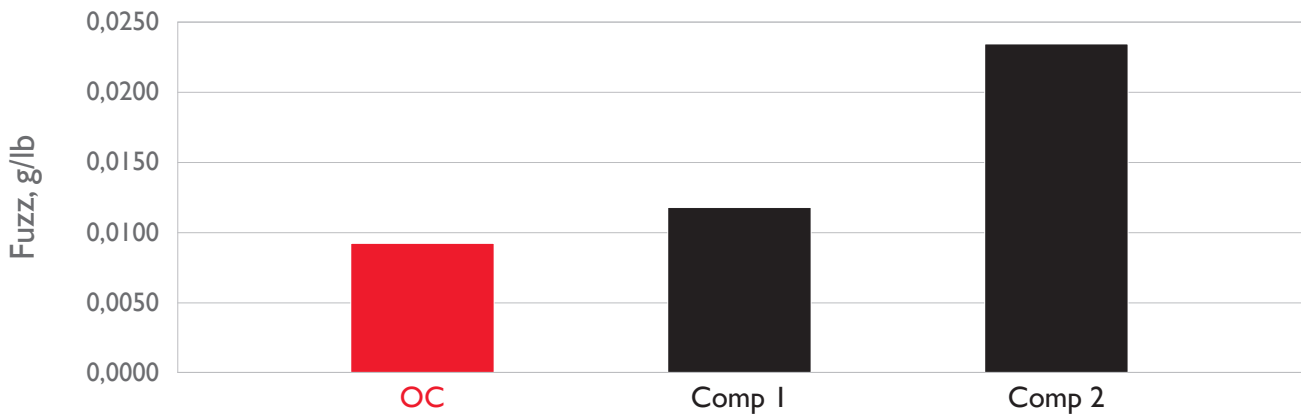
## PREMIUM PROCESSABILITY

- Very good processing performance in major resin systems
- Low fuzz enables efficient production and high part surface quality
- Very good laminate strength and fatigue properties in major resin systems providing maximum part strength and long part service life

<sup>2</sup> Test data vs. competitor products; Owens Corning internal tests, Granville, 2015

Low Fuzz:  
**21-62%**  
Less VS.  
Competitor  
product<sup>2</sup>

### Fuzz (56Y/8800T)

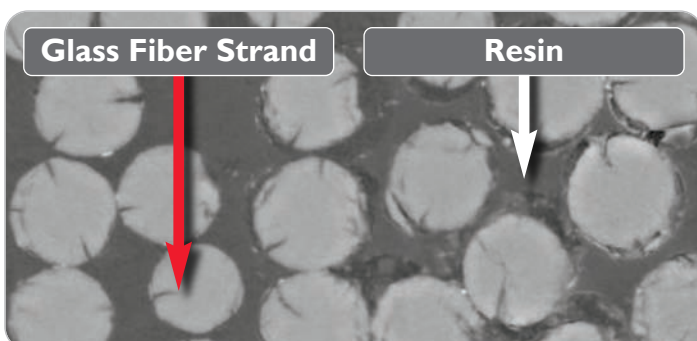


## ADVANTEX® E-CR GLASS FOR DURABILITY

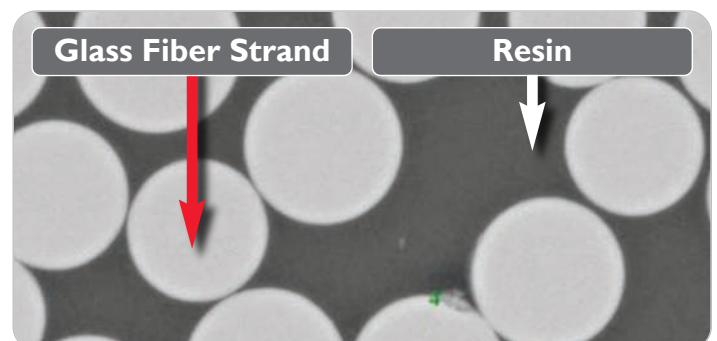
### Advantex® glass superior corrosion resistance vs. E glass

- FRP laminate in 10% H<sub>2</sub>SO<sub>4</sub> at ambient temperature for 1 month
- E-glass starts to break down
- Advantex® glass continues to perform and maintain its strength

### E-Glass



### Advantex® Glass



Scanning electron pictures are from Owens Corning corrosion lab in 2011.

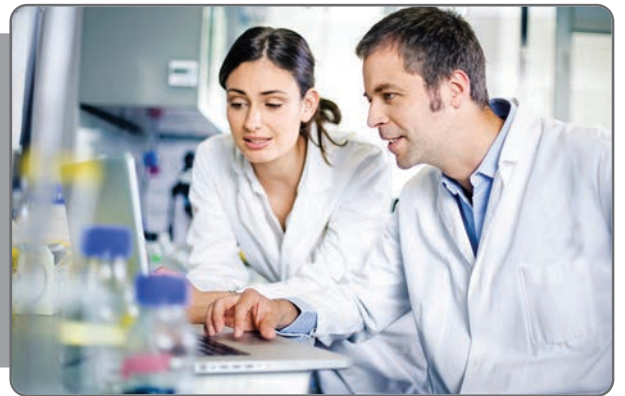
## WHY CHOOSE OWENS CORNING?

Globally available products manufactured in multiple facilities providing unrivaled supply redundancy

- Amarillo, TX, USA
- Gous, Russia



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® Single-End Roving with a long history of introducing innovative, robust products that meet stringent performance and quality requirements throughout the value chain





#### Americas

Owens Corning  
Composite Materials, LLC.  
One Owens Corning Parkway  
Toledo  
Ohio 43659  
1-800-GET-PINK™

#### Europe

European Owens Corning Fiberglas Sprl.  
166 Chaussée de la Hulpe  
B-1170 Brussels  
Belgium  
+32 2 674 8211

#### Asia Pacific

Owens Corning Composite Solutions Business –  
Asia Pacific Regional Headquarters  
Unit 01, 02,05, 39/F,  
Pudong Kerry Parkside,  
1155 Fang Dian Road, Pudong,  
Shanghai,  
201204, China  
+86-21-6101 9666

[SingleEndRovings@owenscorning.com](mailto:SingleEndRovings@owenscorning.com)

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.

Owens Corning reserves the right to modify this document without prior notice.  
© 2015 Owens Corning. All Rights Reserved.  
Pictures: © shutterstock.com and istockphoto.com  
Photo courtesy of Strongwell Corporation.

Pub number: 10019693  
OC\_Pulstrand\_2100\_brochure\_4pp\_Rev0\_EN  
February 2015

[composites.owenscorning.com](http://composites.owenscorning.com)

