

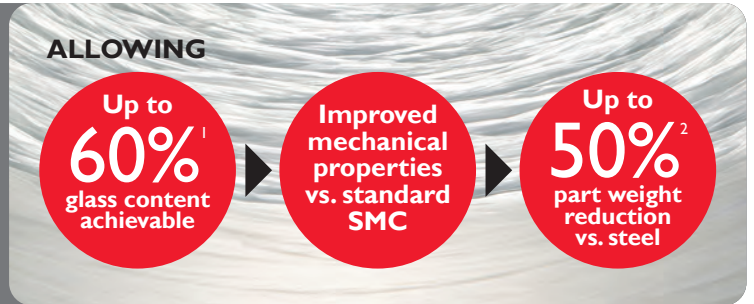


**ME1510 Multi-End Roving For Epoxy based SMC**  
Redefining Weight Reduction in Structural Composites

# HIGH PERFORMING GLASS FIBER SOLUTION WITH EPOXY SMC SYSTEMS

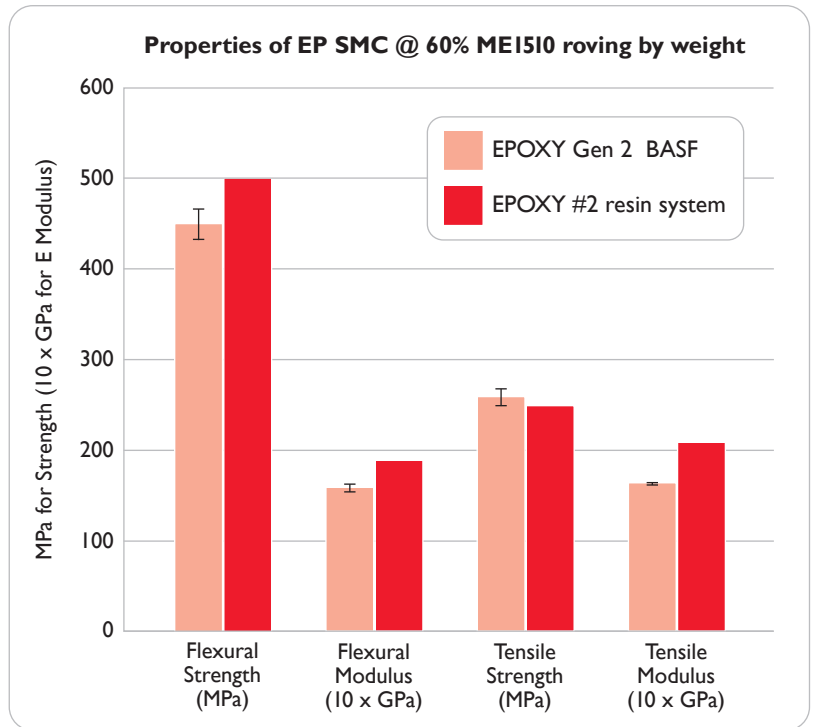
- Designed for use with Epoxy SMC new material systems
- Excellent process-ability in SMC compounding environment
- Fast impregnation

(1) Owens Corning lab, Besana, It, Nov.2012, Epoxy material system  
 (2) Owens Corning SMC Technical Cost Modelling analysis, 2015

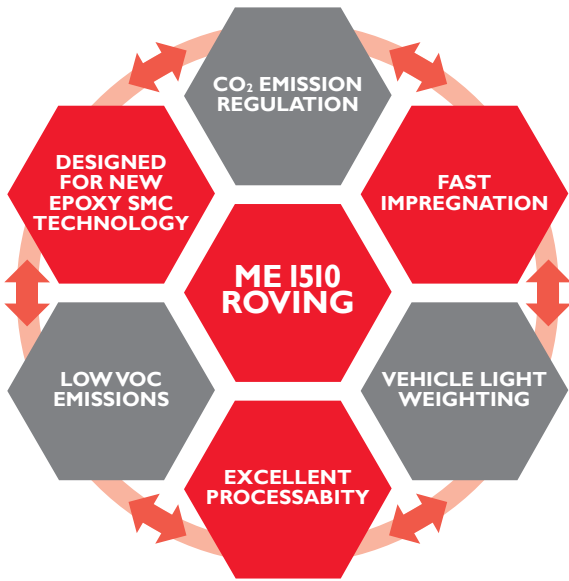


## Superior strength and flexural modulus

Properties of EP SMC @ 60% ME1510 roving by weight

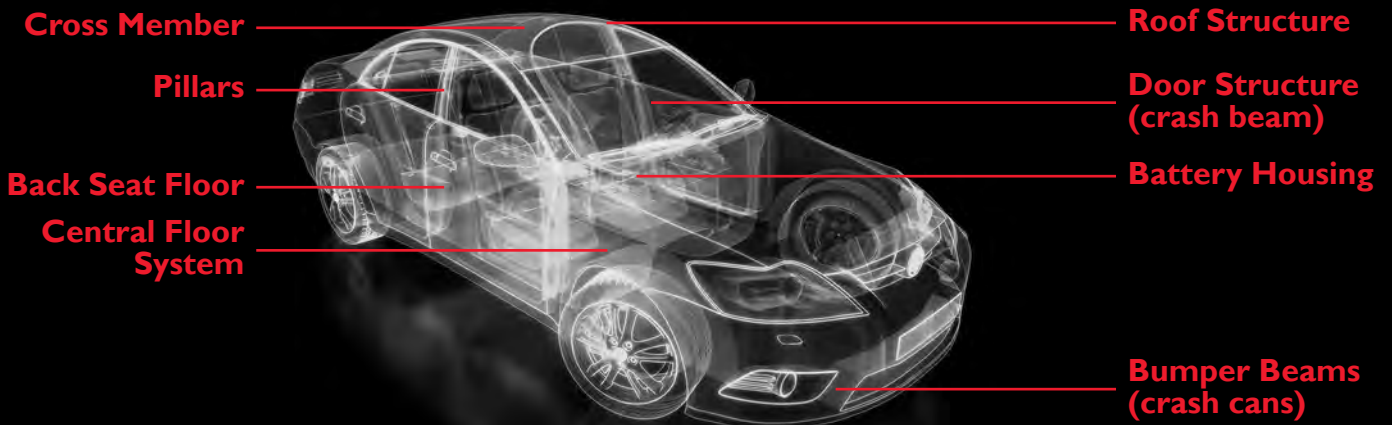


SMC molded laminates, Owens Corning Besana pilot line, Summer 2015



## DRIVING GROWTH OF STRUCTURAL COMPOSITES IN AUTOMOTIVE

- Growing automotive market: 100 million new vehicles per year expected by 2020
- A 200-300 kg weight reduction will be required to meet the CO<sub>2</sub> emission targets set for Europe in 2020, i.e., 95g CO<sub>2</sub>/km.\*



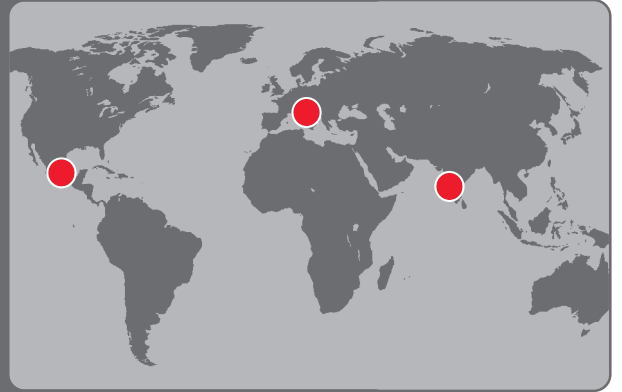
(\*) European Environment Agency (EEA) 2012



## WHY CHOOSE OWENS CORNING?

Globally available products manufactured in multiple facilities providing unrivaled supply redundancy

- Besana, IT
- Future: Taloja IN
- Future: Tlaxcala, MX



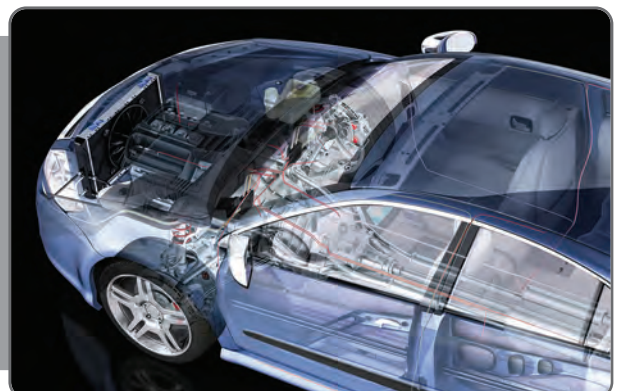
Local technical support combined with global account coordination provides customers with outstanding response times and vital market intelligence



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



Inventor of multi-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, OH 43659  
1-800-GET-PINK™

#### Europe

European Owens Corning Fibreglas 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

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

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