

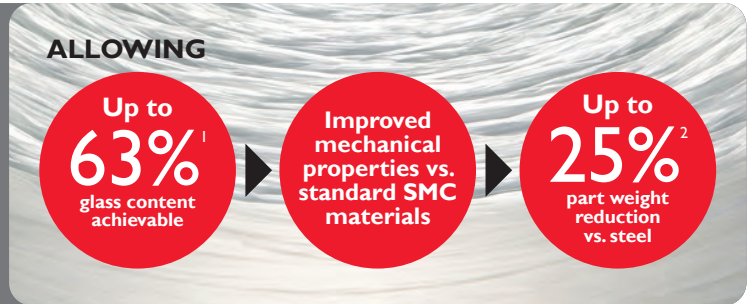


**ME1510 Multi-End Roving For Epoxy based SMC**  
Redefining Weight Reduction in Structural Composites

# HIGH PERFORMING GLASS FIBER SOLUTION WITH EPOXY SMC SYSTEMS

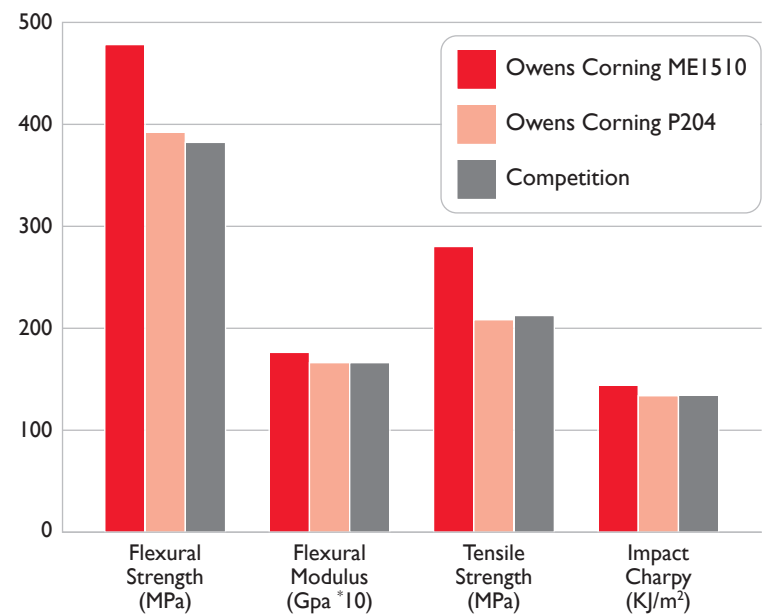
- Designed for use with Epoxy SMC new material systems
- Excellent process-ability in SMC compounding environment
- Fast impregnation

(1) Owens Corning lab, Besana, It, Nov.2012, Epoxy material system  
 (2) Owens Corning SMC Technical Cost Modelling analysis, 2013

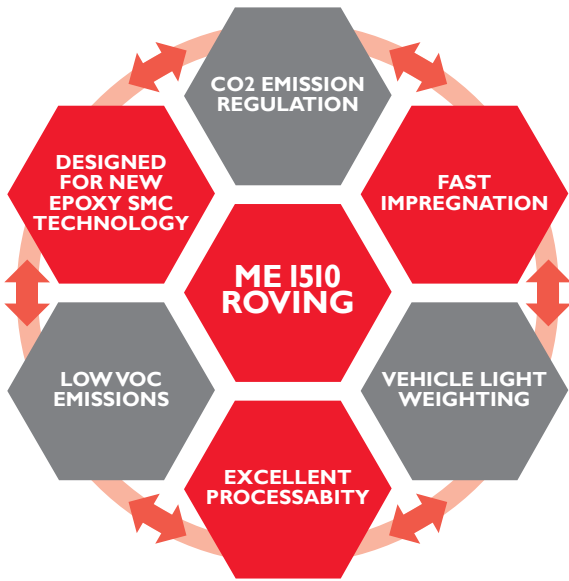


## Superior strength and flexural modulus

**+20% compared to Owens Corning ref. product**  
**+23% compared to competitor**

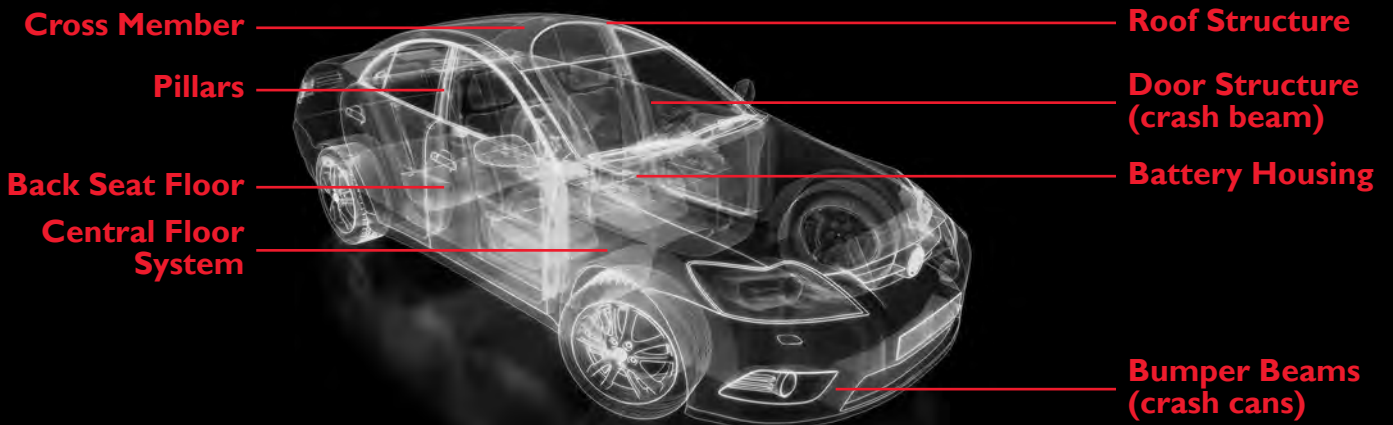


SMC molded laminates, Owens Corning Besana pilot line, Nov. 2012 and Summer 2013



## 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 CO2 emission targets set for Europe in 2020, i.e., 95g CO2/km.\*

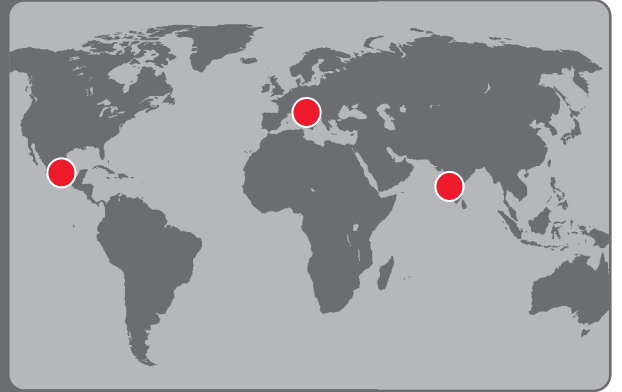


(\*) European Environment Agency (EEA) 2012

## 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







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