



# 905A

## Roving for SMC

### PRODUCT DESCRIPTION

Owens Corning continuous roving 905A is a reinforcement for Sheet Molding Compound (SMC), which offers improved processing over conventional products in vinyl ester resins and where fast wet through and good sheet density are required.

It is manufactured from a collection of continuous glass filaments, gathered, without mechanical twists, into a split strand. The filaments are bonded together with a high performance vinylester and polyester compatible size.



### PRODUCT APPLICATION

This new roving is designed for a wide variety of SMC applications, such as automotive structural body panels, recreational vehicle housings, automotive and recreational structural applications, as well as business equipment.

### FEATURES AND PRODUCT BENEFITS

- Faster wet through in highly filled vinyl ester and polyester resin systems
- Low sheet squeeze out
- Excellent mechanical properties
- Excellent SMC sheet density
- 10-65% glass loading
- Class A automotive surface
- Excellent roving yield uniformity

### TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

| LINEAR WEIGHT (TEX)            | LOSS ON IGNITION (%) |
|--------------------------------|----------------------|
| 115-105<br>(4,313.5 - 4,724.3) | 0.07 Max.            |

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### PRODUCT AVAILABILITY

| CHARACTERISTICS    |                    |                      |
|--------------------|--------------------|----------------------|
| DOFFS              |                    |                      |
| Height,<br>in (cm) | Weight,<br>lb (kg) | Diameter,<br>in (cm) |
| 10.0 (25.4)        | 64.0 (29.0)        | 13.9 (35.3)          |

### PACKAGING

| PALLET            |                   |                  |                             | DOFFS              |                      |                          |
|-------------------|-------------------|------------------|-----------------------------|--------------------|----------------------|--------------------------|
| HEIGHT<br>IN (CM) | LENGTH<br>IN (CM) | WIDTH<br>IN (CM) | PALLET<br>WEIGHT<br>LB (KG) | DOFFS<br>PER LAYER | LAYERS<br>PER PALLET | END<br>RUNOUT/<br>PALLET |
| 48.0 (121.9)      | 59.0 (149.8)      | 44.0 (111.7)     | 3,200 (1,452)               | 12                 | 48                   | 12                       |

### LABELING

Each pallet has two labels with this information: product reference, net and gross weight in kg, packaging and product code, identification code of the palletized unit, production date.

### STORAGE

Temperature 70 +/- 20°F (21 +/- 11°C)  
RH 70 +/- 20%

Allow the material to reach temperatures and humidity equilibrium with the SMC room, prior to use. Do not stack pallets over two high.

#### Contact

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