



Assembled Roving 443 for Sheet Molding Compound (SMC)

Assembled Roving 443 is a C-Glass coated with a silane-based sizing specifically designed for use in automotive headliners.

SPECIFICATIONS

Type of Glass
C-Glass (C)

Type of Fiberglass
Assembled Roving (R)

Standard
Linear Mass Densities
2400, 4392
grams per metre (Tex)

Filament Diameter
13 microns

Most Common Size
CR13-4400-443

FEATURES

- Good dispersion after chopping
- Good static control
- Good roving stiffness

RESIN COMPATIBILITY

- Polyurethane
- Unsaturated polyester
- Vinyl ester

USES

- Automotive headliners

TECHNICAL PARAMETERS

Linear Density (%)
ISO 1889
± 5

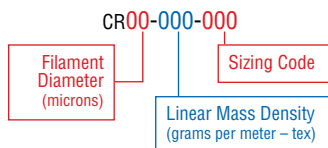
Moisture Content (%)
ISO 3344
≤ 0.20

Size Content (%)
ISO 1887
1.35 ± 0.15

Stiffness (N/tex)
ISO 3341
1.40 ± 20

The above data are actual experimental data values for CR13-2400-443 and for reference only.

NOMENCLATURE



Assembled Roving 443

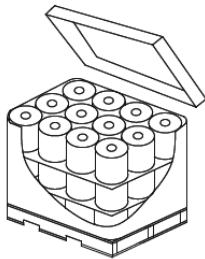
for Sheet Molding Compound (SMC)

PACKAGING

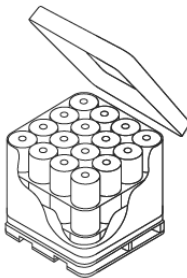
Doffs can be packed on pallets or in small cardboard boxes.



Doff



3-Layer Pallet
12 doffs per Layer



3-Layer Pallet
16 doffs per Layer

Doff:	270	310
Doff outside diameter	270 mm (10.6 in)	310 mm (12.2 in)
Doff inside diameter	100 mm (4 in)	100 mm (4 in)
Doff height	260 mm (10 in)	260 mm (10 in)
Doff weight	17 kg (37.4 lb)	22 kg (48.5 lb)

Pallet:

Number of layers per pallet	3	4	3	4
Number of doffs per layer	16	16	12	12
Number of doffs per pallet	48	64	36	48
Net weight	816 (1797.3 lb)	1088 kg (2396.5 lb)	792 kg (1746 lb)	1056 kg (2328 lb)
Length	1120 mm (44 in)	1120 mm (44 in)	1270 mm (50 in)	1270 mm (50 in)
Width	1120 mm (44 in)	1120 mm (44 in)	960 mm (37.8 in)	960 mm (37.8 in)
Height	940 mm (37 in)	1180 mm (46.5 in)	940 mm (37 in)	1180 mm (46.5 in)

STORAGE

Unless otherwise specified, fiberglass products should be stored in a dry, cool and moisture-proof area. Room temperature and humidity should always be maintained at 15°C – 35°C, 35% – 65% respectively.

Best used within 12 months after production date. Fiberglass products should remain in their original packaging until just prior to use.

To ensure safety and avoid damage to the product, the pallets should not be stacked more than two layers high. When the pallets are stacked in two layers, care should be taken to correctly and smoothly move the top pallet.