

Cem-FIL^{*} Roving

61/1

*Registered trademark

Technical data sheet

Cem-FIL 61/1 is an AR glass process roving mainly designed for conversion into chopped strands by the user and subsequently used in the manufacture of GRC composites by the premix method.

The chopping of Cem-FIL 61/1 roving results in chopped strands equivalent to the Cem-FIL 60/2 product but the roving format allows automation of dosage and economy of transport. Strands chopped from 61/1 roving are designed for ease of mixing and integrity. They are used in the premix process for the manufacture of GRC components for architectural, civil engineering and infrastructure.

Identification (ISO)

Example : ARC 3000 61/1
AR : Alkali Resistant
C : Continuous filament
3000 : Nominal linear weight of roving (tex)
61/1 : Vetrotex code for sizing system

Technical characteristics (nominal values)

Linear weight of roving (tex)	Linear weight of strand (tex)	Loss on ignition (%)	Moisture (%)
ISO 1889 : 1987	ISO 1889 : 1987	ISO 1887 : 1980	ISO 3344 : 1977
3000	83	1.8	< 0.35

Products available

Cem-FIL 61/1 rovings are designed to be unwound internally. They are protected by a shrink-wrap polythene film which should not be removed when used. Each roving is identified by an individual label and packed in a carton. Cem-FIL 61/1 rovings are white coloured but a pink colour is used on labels and shrink-wrap to aid identification.

Product	Individual packaging		Characteristics of cheeses		
			Height	External diameter	Net weight
	Packaging code	Packaging style	(mm)	(mm)	(kg)
61/1	pink	carton	260	280	19

Properties

- integral strands
- easy chopping
- easy compaction
- good split efficiency



Bulk packaging

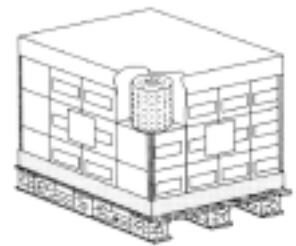
- The complete pallet is enclosed in polythene and identified with two labels.

Product	Cheese diameter (mm)	Packaging style	Total number of rovings	Pallets			
				Length (mm)	Width (mm)	Height (mm)	Approx. Net weight (kg)
61/1	280	individual carton	48	1140	1140	930	912

Shipment

For sea transport, a maximum of 20 pallets (on two levels) may be loaded in a 20 foot container, giving a total net weight of approximately 18.5 tonnes.

Pallet configuration



Storage

Cem-FIL rovings should be stored dry in their original packaging, the best conditions being at a temperature of between 15 and 35° C and at a relative humidity of between 35 and 65%. If the product is stored at low temperature (below 15°C) it is advisable to condition in the workshop for 24 hours before use to prevent condensation.

Quality

Cem-FIL rovings are manufactured under a Quality Management System approved to ISO 9001. Additionally the actual performance of Cem-FIL 61/1 rovings is subject to independent assessment and approval in Germany (Zulassung n° Z-31.2-127).

Edited by :



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