



INNOVATIONS FOR LIVING™

## PRODUCT INFORMATION

# ME1958 Advantex® glass Roving for Pigmented SMC

### PRODUCT DESCRIPTION

The ME1958 Multi-End Roving is manufactured from a collection of continuous glass filaments, gathered, without mechanical twist, into multiple bundles that are wound into a doff. The filaments that make up the bundles are bonded together with a high performance silane based sizing. The ME1958 sizing is compatible with polyester/vinylester resin systems as well as some polyurethane resins.

The ME1958 Multi-End Roving is produced using Advantex® glass fiber. The Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glasses with the corrosion resistance of E-CR glass.



### PRODUCT APPLICATIONS

The ME1958 Multi-End Roving is designed for use in the manufacture of sheet molding compounds (SMC) in the pigmented market and molds where high flow is a requirement.

### FEATURES AND PRODUCT BENEFITS

- Low Static and Fuzz
- Excellent Laminating Properties
- Excellent Runnability
- First Rate Flow Characteristics
- Excellent Choppability
- Excellent Sheet Density
- Excellent Wetting Characteristics
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Linear weight of roving (tex) ISO 1889: 1987	Yield (Yds/Lb)	Loss on Ignition (%)
		ISO 1887: 1995
4500 g/kg	110	2.25

### PRODUCT AVAILABILITY (standard ref.)

Product	Approximate doff characteristics		
	Outside diameter (mm, in)	Height (mm, in)	Net weight (kg, lb)
ME1958	350 / 14	26 / 10.3	31 / 68
	305 / 12	26 / 10.3	23 / 50

Other tex may be available upon request.

# ME1958 Advantex® glass

## Roving for Pigmented SMC

### VISUAL CHARACTERISTICS

Roving doffs are square-edged, cylindrical packages which are firmly and evenly wound and have a constant traverse length. The packages are designed to provide a smooth runout, and their geometry is controlled to maintain the desired run out performance. Unless otherwise specified, packages (doffs) are connected using an 8-way air splice.

### PACKAGING (standard ref.)

Each ME1958 doff is protected by a shrink-wrap polythene film and identified by an individual label. Please do not remove film during use.

Product	Pallet dimensions L x W (in)	Layers per pallet	Doffs per layer	Total number of doffs	Number of ends
RV ME-1958-4500 4023 TP AS8 4E CPL VO	53 * 46	4	12	48	4 ERO tails on Long Side
RV ME-1958-4500 4023 12E AS8 TP CPS TLX	46 * 53	4	12	48	12 ERO tails on Short Side
RV ME-1958-4500 4023 12E AS8 TP CPL TLX	53 * 46	4	12	48	12 ERO tails on Long Side
RV ME-1958-4500 4093 12ERO AS8 CPS ADV TLX	38 * 51	4	12	48	12 ERO tails on Short Side

### LABELLING

- Each doff has a self-adhesive identification label, showing the product reference & the production date.
- Each pallet has two identification labels detailing the product reference, pallet net and gross weights, production date and product code.

### STORAGE

- Unless otherwise specified, it is recommended to store glass roving products in a cool dry area. Storage temperature should not exceed 95°F (35°C) and the relative humidity should be kept below 75%.
- Pallets should not be stored more than two high. **Triple stacking will create dispersion and runout problems in addition to being a serious safety problem.** Extended storage (more than one week) of double stacked pallets should be avoided.
- For optimum processing, the roving should be allowed to equilibrate to the temperature and humidity conditions of the room in which it is used. The product processes best when run under conditions that do not exceed 60-80°F (15-25°C) and 50-70% relative humidity.
- Glass roving products must remain in their packing material until just prior to their use. The stretch wrap should be removed from the pallet just before use.



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