

PRODUCT INFORMATION

ME1510 – MULTI END ROVING FOR EPOXY BASED SMC

FAST IMPREGNATION ROVING



DESCRIPTION

- ME1510 is a multi end roving using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass
- Designed to provide optimal performance for Epoxy based SMC applications

BENEFITS

- Fast impregnation
- Improved mechanical properties versus Standard (Polyester) SMC
- Significant part weight reduction versus steel applications
- Allowing for up to +60% glass fiber loading
- Superior strength and flexural modulus versus other Glass fiber reinforcements in epoxy SMC
- Excellent process-ability while compounding



APPLICATIONS

Variety of applications requiring high mechanical properties such as structural applications in Automotive, and applications for industrial markets

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

Linear weight of roving	Loss on Ignition (%) ISO 1887: 1995	Moisture content (%) ISO 3344: 1997
2400 and 4800 tex 207 and 103 yield	0.7	≤ 0.18

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PRODUCT CHARACTERISTICS (STANDARD REFERENCE)

Product	Doff characteristics			
	Diameter (mm)		Height (mm)	Nominal weight (kg)
	Internal	External		
ME1510 2400 and 4800 TEX	76	285 to 290	254	20.5

PACKAGING (STANDARD REFERENCE)

- Each bobbin is protected by a plastic film (Tack-pak®). Please do not remove film during use.
- Creel pack packaging is available upon request.

LABELING

- Each bobbin has a self-adhesive identification label, showing the product reference and the production date.
- Each pallet has at least one identification label detailing the product reference, pallet net and gross weights, production date and pallet production code.

STORAGE

Unless otherwise specified, it is recommended to store glass fiber products in original packaging in a cool dry area. The best conditions are at temperature between 15°C and 35°C and at a relative humidity between 35% and 85%. The ME 1510 roving if stored under conditions stated above can be used up to 2 years from the date of manufacture. However it is recommended to retest before use after 1 year of storage. If storage temperature is less than 15°C it is recommended that rovings be transferred to the workshop at least 24 hours before intended processing, in order to prevent condensation. The packaging system is designed to allow short term stacking of two pallets. When stacking two high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

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Pub number: 10018975
MultiEndRov_ME1510_05-2014_Rev1 May2014