

### PRODUCT DATA SHEET



**EICOROV - 410 EP** series single-end roving consists of continuous **E-CR** glass fibers manufactured by the direct draw process and winding them on cylindrical package. The roving is treated with a special sizing system based on silanes which provides excellent performance with epoxy and phenolic resins

These rovings are designed to be used in filament winding, pultrusion and weaving processes. The roving has superior resistance to abrasion during processing and produces laminates with high mechanical and superior corrosion resistance properties.

#### *EICOROV - 410 EP series roving is designed to provide:*

- fast and uniform wet-out
- optimum unwind performance from creels
- good and smooth run ability through mechanically guided roving systems
- low fuzz and low static electricity
- excellent strength properties and laminate stiffness in composite matrices.
- superior corrosion resistance Vs standard E-glass

#### PRODUCT DATA

Property	Value	Specification	Standard
Type of Glass	E-CR*		ISO 2078
Resin Compatibility	Epoxy & Phenolic		-
Sizing Type	Silane		-
Moisture Content (%)	0.1	≤0.2%	ISO 3344
Size Content (% Weight)	0.48	±0.15	ISO 1887
Available Tex (g/1000m)	1100    2400    4800	±8%	ISO 1889
Filament Diameter (nom. value) (μ)	17    17/24    24	±1	ISO 1888

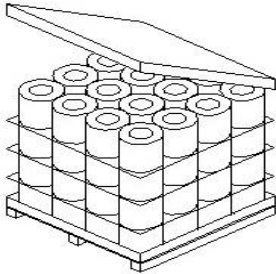
\* E-CR = Electrical and Chemical Resistant

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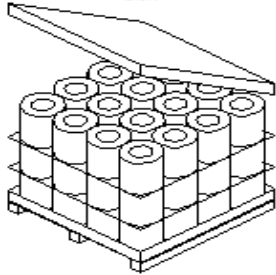
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### PACKAGING & LABELLING

Individual doffs are plastic film wrapped with top central opening and unwinding from inside. The packages are packed in three or four layers on wooden/plastic pallets with top and bottom cardboard trays for protection and stretch wrapped to provide stability.



### STORAGE

It is advised to store glass fiber products in cool, dry area with temperature less than 35 °C and relative humidity below 75%. Prior to use the product should be kept in original packing to avoid contamination with dust. During usage the products should be stored in the shop floor in the original packaging condition for at least 48 hours. This will allow the product to attain the shop floor temperature conditions and also prevent moisture condensation.

There is no known shelf life for the product when stored properly. However it is recommended to retest the product in case the product is not used within three years from the date of manufacturing to ensure optimum properties.

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