

## TECHNICAL DATA SHEET

(TCR910-2400-24)

### 【 Products Description 】

TCR glass Single-End Continuous roving without mechanical twist, designed for use in Continuous & Discontinuous Filament Winding, Pultrusion and Weaving applications.

Silane-based sizing and compatible with unsaturated polyester (UP) & vinyl ester (VE) systems.

T910 is typically used to produce GRP pipes, vessels, etc.

### 【 Characteristics 】

High Strand Integrity  
 Excellent Abrasive Resistance, Low Fuzz  
 Consistent Linear Density and High Filament Strength  
 Fast Wet-out & Excellent Impregnation  
 Excellent Physical and Chemical Properties  
 Excellent Acid Corrosion Resistance

### 【 Products Code 】

TCR910-2400-24  
 TCR        **E glass Chemical Resistant**  
 910        Sizing Code  
 2400       2400tex  
 24         Filament Diameter

### 【 Technical Data 】

Property	Unit	Specification	Standard
Filament Diameter	um	24	ISO1888: 1996
Linear Density	Tex	2400±120	ISO1889: 1997
Moisture Content	%	≤0.10	ISO 3344: 1997
Loss on Ignition	%	0.55±0.15	ISO 1887: 1995
Breaking Strength	N/tex	≥0.40	ISO 3341: 2000

### 【 Packaging 】

1. Roll packaging: Each roll is wrapped in PE film, stacked on pallets or put into cartons.
2. Pallet packaging: Each pallet stacks 48 or 64 rolls, all pallets should not be stacked in more than 2 layers and cartons not more than 5 layers.
3. Typical packaging details:

Roll Weight (kg)	Roll Dimensions (mm)			Rolls/Pallet	Pallet Dimensions	Pallet Weight Net (kg)
	Ext. Ø	Int. Ø	Height		(mm)	
17	270	155	265	48	1120 x 1120 x 950	816
			265	64	1120 x 1120 x 1220	1088

### 【 Storage 】

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.