

Direct Roving For Pultrusion

Pultrusion Process

Pultrusion process involves pulling continuous roving and mats through an impregnation bath, Squeeze-out and shaping section and the heated die.

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Direct roving for pultrusion is based on silane reinforced sizing formulation. It has good integrity, fast wet out, good abrasion resistance, low fuzz, low catenary, good compatibility with polyurethane resin, provides excellent mechanical property of its finished product.

Product Specification

Product code	Filament Diameter (µm)	Linear Density (tex)	Compatible Resin	Product Features & application
ECR-EWT289	16-24	1200, 2000, 2400, 4800	PU	Good strand integrity, fast wet out Good abrasion resistance Low fuzz Good compatibility with polyurethane resin Excellent mechanical property to its finished product Mainly used for telegraph pole, public facilities, sport equipment and so on
ECR-EWT150/150h	13, 14, 15, 20, 24	600, 1200, 2400, 4800, 9600	UP VE	Fast and complete wet-out in resin Low catenary Low fuzz Excellent mechanical property Used for making FRP profiles
ECR-EWT255/256h	13, 14, 15, 20, 24	600, 1200, 2400, 4800, 9600	EP	Fast we – out Good abrasion resistance Excellent electric performance Used for producing insulating cord Rod, square rod
ECR-EWT258/258h				