CPIC®
FIBERGLASS

Comingled Roving

Comingled Roving is a two component roving made of E-glass fibers and thermoplastic filaments. It could be described as a kind of continuous fiberglass reinforced thermoplastic prepreg by a premixing process along the fiber direction. Comingled Rovings or Textiles are transformable with the addition of heat and pressure into high performance composites, which could provide recyclability, high glass content, high mechanical performance, and excellent impact resistance.

Comingled Rovings or Textiles are suitable for a variety of processes including compression molding, laminate molding, vacuum bag molding, silicone rubber diaphragm molding, filament winding, and pultrusion, etc. The Composites made from comingled rovings are applied in aerospace, transportation, construction, and industrial consumables.

Prodvuct Code

Direct Roving	
Example	DR-PP60N1870
DR	Direct Roving
PP	Polypropylene Resin
60	Fiberglass content in weight (%)
N	Natural color (B:Black color)
1870	Linear density (Tex(g/km))

Woven Roving	
Example	WR-PP60N750P1250
WR	Woven Roving
PP	Polypropylene Resin
60	Fiberglass content in weight (%)
N	Natural color
750	Areal weight (g/m^2)
P	Plain weave (T=Twill weave)
1250	Width (mm)

Product Availability

Products	Resin	Classification	Product Code
COMINGLED ROVINGS	PP	Roving-PP	DR-PP60N1870
			DR-PP60B1870
			DR-PP60N800
			DR-PP75N1510
			DR-PP75B1510
		Woven Roving-PP	WR-PP60N1500T1270/1530/2590
			WR-PP60B1500T1270/1530/2590
			WR-PP60N980T2590
			WR-PP60N750P1270/1530/2590
			WR-PP60B750P1270/1530/2590

Note: Product can be produced according to the customer's request.

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