

Product Code

HYP-CH-100-15-UD-P-A

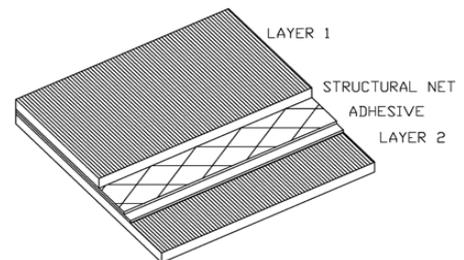
Product Description:

Hypetex Chapel 100gsm 15K UD

Characteristics		Nominal	Tolerance	Normative
Weight (Base Material)	g/m ²	79	± 5%	ISO 4605
Weight (Colour)	g/m ²	21	± 5%	
Weight (Total)	g/m ²	100	± 5%	
Weave		Unidirectional		ISO 2113
Standard Width	mm	1000	± 5%	ISO 22198
Laminate thickness	mm	0.7	± 2.5%	ISO 5084(**)
Other information		Double Layer		

Layer	Description		Thread Count	Weight rate	Tolerance
Layer 1	TR505 – 15K (Mitsubishi Grafil)	33 g/m ²	0.33 ends/cm	42,0%	± 6%
Str. Net	Black Triaxial Net	2.5 g/m ²		3,2%	± 6%
Adhesive	PA Web Resin Compatible Adhesive	10 g/m ²		12,7%	± 8%
Layer 2	TR505 – 15K (Mitsubishi Grafil)	33 g/m ²	33 ends/cm	42,0%	± 6%

Mechanical Properties of Fibre		
Layers Fibres (Producer)	Strength	Modulus
TR505 – 15K (Mitsubishi Grafil))	4900 MPa	240 GPa



(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Safety Instruction and Storage

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheet and product can label.

Important: All properties are average values given for indication. Values are not intended for use as a specification. Information given in this document is based on the present knowledge of the technical properties of our product. All information is believed to be accurate but is given without acceptance of liability. Users should make their own assessment of the suitability of any product for the purposes required. Information contained in the present document refers to the product specifically indicated and cannot be valid in combination with other products. All sales are subject to our standard terms of sale which include limitations on liability and other important terms