

Product Code

HYP-MB-100-15-UD-P-A-A

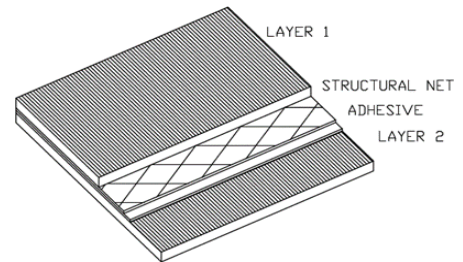
Product Description:

Hypetex Malabar 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 | ± 2.5% | 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

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