

## Quality

## MTPM-270-IRR-FR

|               |                               |
|---------------|-------------------------------|
| Fabric Weight | 270gsm +/- 5%                 |
| Composition   | Polyester High Tenacity Knit  |
| Finish        | Scoured & IRR Dyed or Printed |
| Useable Width | 200cm                         |
| Application   | Mesh                          |

### Physical Properties

|   | Warp  | Weft  |
|---|-------|-------|
| Tensile Strength (BS EN ISO 13934-1:2013) | 850 N | 450 N |
| Tear Strength (BS EN ISO 4674-1:2016)     | 50 N  | 50 N  |

|   | As Received | After 5 Washes |
|---|-------------|----------------|
| Abrasion Resistance (BS EN ISO 12947-2:2016)            | 80,000 Rubs | NA             |
| Dimensional Stability (BS EN ISO 6330)                  | <2%         | <2%            |
| Spray Rating (BS EN ISO 4920:2012)                      | NA          | NA             |
| Water Vapour Resistance RET (BS EN ISO 11092)           | NA          | NA             |
| Resistance to Water Penetration (BS EN ISO 20811)       | NA          | NA             |
| <b>Colour Fastness</b>                                  |             |                |
| Light Fastness (BS EN ISO 105-E16:2006)                 | >5          | NA             |
| Colour Fastness to Water (BS EN ISO 105-E01:2013)       | >4          | NA             |
| Perspiration Fastness Acid/Alkaline (BS EN ISO 105-E04) | >4 >4       | NA             |
| Wash Fastness (BS EN ISO 105-C10:2006) 40 Degrees       | >4          | NA             |
| Rub Fastness Wet/Dry (BS EN ISO 105-X12:1995)           | >4 >4       | NA             |

### Other Properties

|   |        |
|---|--------|
| IRR Value (As Required)                       | PASS   |
| Thickness (ISO 5084:1996)                     | 0.75mm |
| Flammability (ISO 6941:2003 Procedure B Edge) | PASS   |

The information contained in this product datasheet is based on results obtained from the sample assessed, following the method provided. The values are a guide for purchasers of the fabric to evaluate and determine its suitability for their product's intended end use.