



San Miguel Yamamura Woven Products Sdn. Bhd.

[Formerly known as San Miguel Woven Products Sdn. Bhd.]
A Subsidiary of San Miguel Yamamura Packaging International Ltd.

PRODUCT DATA SHEET

| | | |
|----------------|---|--|
| Customer Name | : | GENERAL |
| Product Name | : | BFB 302 |
| Product Type | : | 8 LAYERS LAMINATE MADE UP OF DOUBLE SIDED REFLECTIVE MATERIAL (ALUMINIUM & METALIZED) BONDED TO FR BUBBLE-FOAM-BUBBLE PACK WITH FIBERGLASS SCRIM BY SPECIAL FR MATERIAL |
| Product Design | : | AL / FR TIE LAYER + FIBERGLASS SCRIM / FR BUBBLE (10mm) / CROSSLINK FR FOAM (3mm) / FR BUBBLE (10mm) / FR TIE LAYER / MPET |

| | CHARACTERISTIC | TEST METHOD | UNIT (SI) | SPECIFICATION |
|--------------------------------------|--------------------------------|---------------------------|--------------------|--|
| Laminated Roll Specifications | Width | In-house | mm | Nominal ± 5 |
| | Length | In-house | m | Nominal (<50) $\pm 2.0\%$ Nominal (≥ 50) $\pm 1.0\%$ |
| | Grammage | BS EN 965 | g/m ² | 475 \pm 100 |
| | Resistance to Dry Delamination | AS/NZS 4201.1 | - | No delamination |
| | Resistance to Wet Delamination | AS/NZS 4201.2 | - | No delamination |
| | Shrinkage MD CD | AS/NZS 4201.3 | % | < 0.5 < 0.5 |
| | Duty | | | Extra Heavy |
| | Tensile Strength MD CD | AS/NZS 1301.448s | kN/m | > 4.5 > 4.5 |
| | Edge Tear Resistance | TAPPI T470 | N | > 80 |
| | Vapour Barrier classification | ASTM E 96 | MNs/g | Medium < 450 > 7 |
| | Emittance | ASTM C 1371 | Index | Single Sided Reflective ≤ 0.05 |
| | Surface Water Absorbency | AS/NZS 4201.6 | - | Unclassified |
| | Thermal Resistance | ISO 8301 / MS ISO 8302 | M ² K/w | 1.557 |

| | | | | |
|-------------------------|---|-----------------|-------|---------------------------|
| Fire Performance | Fire Propagation of Material • Sub-index, i_1 • Overall Performance Index | BS 476 ; Part 6 | Index | Pass (< 6) Pass (< 12) |
| | Surface Flame Spread Test | BS 476 ; Part 7 | Class | Class 1 |
| | Fire Resistance Classification | - | Class | Class 0 |