

SICOECO H67_B

| DEGRADABLE OVERLAY FILM, SMOOTH ROUGHNESS FOR EASY LAMINATION - DEGRADATION TEST ACCORDING TO METHOD ASTM D5511 (NOT COATED MATERIAL). TYPICAL LAMINATION TEMPERATURE 140-165°C – DEVELOPED TO AVOID DISTORTION DURING LAMINATION | | | |
|--|---|--------------------|---|
| Thickness (µm) | 50 - 300 µm | | |
| Thickness tolerances* | up to 59µm: ±12% on 100 % of readings 60-79 µm: ±10% on 100% of readings 80-99 µm: ±8% on 100% of readings 100-119 µm: ±6% on 100% of readings >120 µm: ±5% on 100% of readings | | |
| **Based on uncoated film | | | |
| Surface finish | 5050 | | |
| Colours | K010 laserable K081 | | |
| Coatings | HP1L1: standard printed surface; high lamination temperature (140-165°C) | | |
| Properties | Typical value | Unit | Test Method |
| Vicat-softening point | 74 ±2 | °C | UNI EN ISO 306 VST/A50 Stacked samples |
| | 69 ±2 | °C | UNI EN ISO 306 VST/B50 Laminated samples |
| Surface tension | Best printing side N/A Reverse side N/A | mN/m (dynes/cm) | ISO 8296 |
| Roughness | Ra 0,7 µm - 1,4 µm (cut off 2,5) | µm | Spica |
| Tensile strength at break | 49 | N/mm ² | UNI EN ISO 527-3/2/50 |
| Tensile strength at yield | 38 | N/mm ² | UNI EN ISO 527-3/2/50 |
| Elongation at break | 90 | % | UNI EN ISO 527-3/2/50 |
| Elongation at yield | 3,50 | % | UNI EN ISO 527-3/2/50 |
| Young's modulus | 2350 | N/mm ² | UNI EN ISO 527-3/2/50 |
| Impact under strength | N/A | kJ/m ² | ISO 8256 Sample not laminated |

Shelf life:

1 years in the original packaging.

Storage conditions:

Temperature between 15°C and 30°C and relative humidity between 40% and 60% - NO direct sunlight exposure.

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