# Technical Data Sheet

## Thermal ECO 70 gsm – AD05 – Glassine 60 gsm

### General Product Characteristics
- **Total weight**: 148gsm ± 9% ISO 536
- **Total caliper**: 146µm ± 9% ISO 534

### Face
- **Substance**: 70 gsm ± 8 ISO 536
- **Caliper**: 80µm ± 8 ISO 534

The product meets the European Toy Regulation EN 71/3

### Adhesive
- **Water emulsion acrylic based Extra-Permanent type**
- **High initial tack and strong permanent bond for general use. Very good adhesion on a wide variety of substrates, like paper, board, glass, steel.**
- **Peel adhesion**: 16.5N/inch ± 2 FINAT1
- **Shear test**: 4h ± 2 FINAT8
- **Quick stick**: 14.4 N/inch ± 4 FINAT9
- **Application temp.**: ±5°C/+40°C
- **Service temp. Range**: -15°C/+80°C

The adhesive complies with FDA 175.105 and BfR XIV regulations for contact with foodstuffs.

The product meets the European Toy Regulation EN 71/3

### Backing
- **Supercalandered glassine paper, solventless silicon coated. High tensile strength and flexibility, excellent die-cutting performance. Very good transparency for automatic labeling. Available in yellow and white**
- **Substance**: 60 gsm ± 3 ISO 536
- **Caliper**: 53 µm ± 3 ISO 534

### Applications
- This thermosensitive product is suitable for thermal printers up to 250 mm/sec. Suitable for barcode printing on instore price weigh equipments (food packaging etc.)

### Printability
- **Face**: suitable for direct thermal printing. For offset UV printing, tests for suitability are always recommended prior to use.
- **Backings**: good printing results by all conventional roll conversion technologies, particularly flexographic

### Shelf Life and Use
- **No. 2 years from delivery date when stored at the following conditions:**
  - Temperature ±5°C/+35°C
  - Relative Humidity 45% - 60%
  - Store in a cool dry place away from heaters or direct sunlight or rain
  - Keep the sheets flat, the reels piled
  - Store in the original packaging

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