

## MATTE ALLURE™ TPM 200-AA1

**THERMAL LAMINATION FILM - MATTE**  
 BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

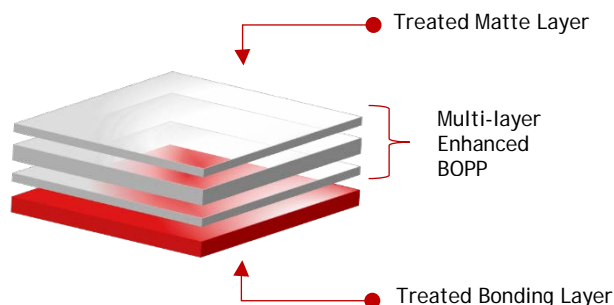
### Product Description

MATTE ALLURE™ TPM 200-AA1 is a matte, two-side treated BOPP film with an extrusion coated bonding surface specifically designed for thermal lamination with offset printed paper, paperboard and cardboard.

### Key Features

- Excellent matte finish for alluring graphics
- Compatible with UV spot and hot foil stamping
- Strong lamination bond with paper
- Suitable for one-side and two-side lamination
- Excellent matte appearance without shiners

### Construction



### Applications and Conversion

- Product designed as an overlamine film for book covers, marketing materials, premium cosmetic and beverage boxes
- The matte surface is compatible with UV spot, Embossing, Hot Foil and Cold Foil stamping
- The printed surface should be well dried before lamination
- For two-side laminations, allow enough time to cool between lamination operations
- Application-specific testing is recommended for suitability for all coating, printing and laminating operations

### Typical Properties

| Property               |              | Unit                | 20 TPM 200-AA1 | 22 TPM 200-AA1 | 25 TPM 200-AA1 | 27 TPM 200-AA1 | Test Method     |
|------------------------|--------------|---------------------|----------------|----------------|----------------|----------------|-----------------|
| Unit Weight            |              | g/m <sup>2</sup>    | 17.5           | 19.3           | 20             | 21.0           | Internal Method |
|                        |              | lb/msi              | 0.026          | 0.027          | 0.028          | 0.030          |                 |
| Yield                  |              | m <sup>2</sup> /kg  | 57.1           | 51.8           | 50.0           | 47.6           | ADTM D 4321     |
|                        |              | in <sup>2</sup> /lb | 38,288         | 37,337         | 35,236         | 33,508         |                 |
| Gloss                  | 45°          | %                   | < 10           | < 10           | < 10           | < 10           | ASTM D 2457     |
| Treatment              | Matte Side   | mN/m                | 42             | 42             | 42             | 42             | ASTM D 2578     |
|                        | Bonding Side |                     | 40             | 42             | 44             | 44             |                 |
| Lamination Temperature | Bonding Side | °C                  | 90-110         | 90-110         | 90-110         | 100-120        | ASTM D 1204     |
|                        |              | °F                  | 195-230        | 195-230        | 195-230        | 210-250        |                 |

The technical information and data shown on this page should be considered representative or typical only and should not be used for specification purposes.

### Availability

TPM 200-AA1 rolls are wound with adhesive side in; TPM 200-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

### Regulation

MATTE ALLURE™ TPM 200 family of films comply with the applicable FDA and European legislation for most applications involving direct food contact. For specific applications please request Coatall's Declaration of Compliance document.

### Storage

Store in a dry (preferably <50% RH) location at 2°C (35°F) to 30°C (85°F). This product is suitable for use for 6 months from the date of delivery.