

RADIANT TEG 210-AA1

Thermal Lamination Film - Gloss GSP
 Biaxially Oriented Polyester (BOPET)

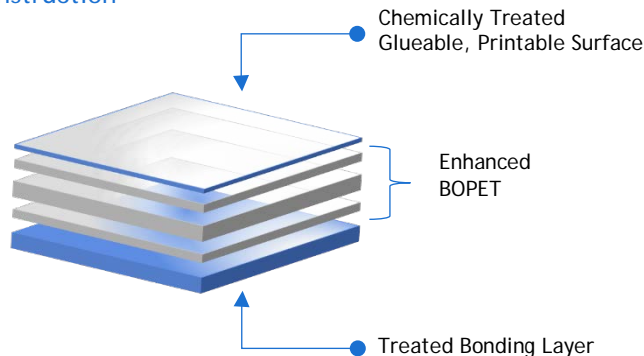
Product Description

RADIANT™ TEG 210-AA1 is an ultra-clear, one-side chemically treated BOPET film with an extrusion coated polymer bonding layer for use in thermal lamination with offset and UV offset printed paperboard and cardboard.

Key Features

- Ultra-high clarity for sharp graphics
- Printable with offset, UV offset and screen inks
- Primed surface is glueable and stampable
- Superior resistance to elongation and scratches
- Anti-static for trouble free lamination
- Suitable for one-side and two-side laminations

Construction



Applications and Conversion

- Product designed as an overlamine film for book covers, paper bags, premium cosmetic and beverage boxes
- Chemically treated surface is suitable for wide range of glues and printing with offset, UV offset, screen inks
- The printed surface should be well dried before lamination
- For two-side laminations, allow enough cooling time between lamination operations
- Application-specific testing is recommended for suitability for all coating, printing and laminating processes

Typical Properties

Property		Unit	20 TEG 210-AA1	22 TEG 210-AA1	25 TEG 210-AA1	Test Method
Unit Weight		g/m ²	22.5	25.5	28.5	Internal Method
		lb/msi	0.032	0.036	0.041	
Yield		m ² /kg	44.4	39.2	35.1	ADTM D 4321
		in ² /lb	31,518	27,585	24,767	
Gloss	45°	%	80	80	80	ASTM D 2457
Treatment	Glossy Side	mN/m	38	38	38	ASTM D 2578
	Bonding Side		40	42	44	
Lamination Temperature	Bonding Side	°C	100-140	100-140	100-140	ASTM D 1204
		°F	210-285	210-285	210-285	

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

TEG 210-AA1 rolls are wound with adhesive side in; TEG 210-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are available subject to negotiation.

Regulation

RADIANT™ TEG 210 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.