

RADIANT WPG 100-AA1

WET LAMINATION - GLOSS

BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

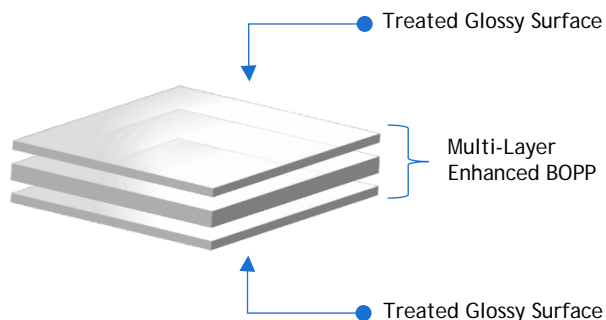
Product Description

RADIANT™ WPG 100-AA1 is a clear, two-side treated BOPP film designed for use as the print finishing film. This film can be laminated using water, solvent and UV-based adhesives with offset printed paper and paperboard.

Key Features

- Excellent receptivity to commonly used adhesives
- High gloss and excellent clarity
- Excellent anti-static behavior for robust processing
- Controlled and low COF

Construction



Applications and Conversion

- WPG 100-AA1 is designed to be used as an overlamine film in wet lamination with printed paperboard
- Product is suitable for wide range of applications in book covers, paper bags, boxes for food, cosmetic and beverages
- Corona retreatment prior to adhesive coating is strongly recommended
- Film is designed to give strong adhesion to most commonly used adhesive technologies
- Application-specific suitability testing is recommended for coating, printing and laminating processes

Typical Properties

Property		Unit	12 WPG 100-AA1	Test Method
Thickness		μ	12	Internal Method
Unit Weight		g/m ²	10.9	Internal Method
		lb/msi	0.015	
Yield		m ² /kg	92.1	ADTM D 4321
		in ² /lb	64,739	
Gloss	45°	%	> 92	ASTM D 2457
Treatment	Outside, Inside	mN/m	38	ASTM D 2578
COF	Dynamic	-	0.25	ASTM D 1894

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

Alternative film thicknesses are possible subject to negotiation.

Regulation

RADIANT™ WPG100 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.