

Market Application - PGR for Dry Food and Beverage Pouches

Manucor is pleased to recommend the improved PGR as the outside web of laminations for dry food and beverage pouches.

Following the lead of our customers, we see PGR as a cost-effective replacement of BOPET in select applications as the outer web of duplex or triplex laminated pouch structures. PGR can be even used in Retort Packaging or Hot Fill applications as it can withstand the high process temperatures without distortion.

PGR is an ultra-clear, high gloss, high crystallinity film with high rigidity and thermal resistance. PGR's consistently low COF and Hot Slip provides robust performance on pouch making packaging operations

PGR's ink receptive bonding surface has been especially formulated and treated with our proprietary flame treatment technology to ensure consistently good ink adhesion and lamination bond strength in adhesive or extrusion laminations.

BOPET films have a very high surface energy but lack sufficient ink adhesion without the chemical primers applied via in-line coating process. PGR can provide equivalent or better printability without coatings, thereby reducing impact on both environment and cost.

In the near future, we will introduce new ultra-high barrier films, which along with PGR will provide our customers a portfolio of films for pouches. This is a part of our commitment to provide cost effective solutions for packaging.

Market Segments

- Dry Food Pouches, Dry Beverages such as powdered drinks, tea or coffee,

Applications

- Triplex Lamination: PGR / Ink // High Barrier Met-BOPP or Met-BOPET // Polyethylene Sealant
- Triplex Lamination: PGR / Ink // Aluminum Foil // Polyethylene Sealant

Key Benefits

- Enhanced Printability and Lamination Bond Strength
 - ❖ Optimized surface chemistry
- Enhanced Product Presentation
 - ❖ Ultra-Clear, brilliant packages
 - ❖ High Stiffness
- Improved Cost Effectiveness
 - ❖ High thermal resistance and rigidity
 - ❖ PGR 15 provides better yield than 12 μ BOPET

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Manucor is a leading European BOPP Manufacturer with headquarters and manufacturing located at a single site in Sessa Aurunca, Italy. The Sessa Aurunca facility is the highest output production site of BOPP film in Europe. Manucor films are used in all segments of the food packaging, tape and label markets in Europe, the Middle East and other regions. More information can be found at www.manucor.com or email: info@manucor.com