



## Applied Materials Ships Advanced TopMet® Roll-to-Roll System to Jindal Poly Films

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- *Applied TopMet® metallization system is the world's largest tool for aluminum and transparent barrier film deposition*
- *Jindal Poly Films, an industry-leading producer of PET and BOPP films, to use the state-of-the-art barrier coating system in India*
- *Marks 700<sup>th</sup> roll-to-roll web system shipment from Applied*

ALZENAU, Germany, Oct. 14, 2015 - Applied Materials, Inc. today announced it has shipped an [Applied TopMet® roll-to-roll metal deposition system](#) to Jindal Poly Films, a global leader in PET\* and BOPP\* films for flexible packaging and labeling applications. Incorporating Applied's latest innovations, this TopMet system extends the company's leadership in coating technology by providing the highest quality aluminum and transparent films on the industry's widest platform to maximize productivity for the cost-sensitive barrier coating market.

First introduced for the commercial packaging industry in 1992, the TopMet platform has had continuous technology improvements enabling it to deposit consistently uniform, very thin films with high throughput that provide excellent barrier coatings. These barriers are essential to protect against oxygen and moisture in food, medical and pharmaceutical packaging to preserve freshness and purity and to extend shelf-life. The latest TopMet platform expands Applied's industry-leading portfolio of roll-to-roll metal and oxide barrier coating tools used throughout the world for a wide variety of packaging applications.

"Jindal Poly Films is proud to introduce the industry's largest and most advanced transparent barrier coating system to India," stated Mr. S. Balachandran, general manager, Metallizer Products of Jindal Poly Films. "We have been using TopMet systems for more than a decade to stay ahead of evolving market needs, and adding this tool underscores our commitment to invest in the very best technology that can help drive the continued success of our customers."

"The selection of our latest TopMet system by Jindal Poly Films validates the tool's ability to create exceptionally high-quality barrier films without compromising throughput or raising operating costs," said Daniel P. Forster, vice president and general manager, Applied Materials Roll-to-Roll Coating Products Division. "The fact that Applied has now shipped a total of 700 roll-to-roll web systems worldwide reflects our ability to develop reliable and cost-effective tools for mass production operations."

The TopMet platform delivers outstanding productivity with fast web coating speed, real-time layer thickness monitoring to maintain coating uniformity, and a novel uniform-tension roller design for sensitive, wrinkle-free material handling. The system's efficient use of power and raw materials, enabled by advanced high-rate evaporation sources, closed-loop automatic layer control and high-performance pumping systems, results in lower operating costs.

Applied Materials, Inc. (Nasdaq: AMAT) is the global leader in materials engineering solutions for the semiconductor, flat panel display and solar photovoltaic industries. Our technologies help make innovations like smartphones, flat screen TVs and solar panels more affordable and accessible to consumers and businesses around the world. Learn more at [www.appliedmaterials.com](http://www.appliedmaterials.com).

PET = polyethylene terephthalate; BOPP = biaxially-oriented polypropylene

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