

Moisture Barrier on Plastic substrates by Atomic Layer Deposition (ALD) and Sputtering

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Abstract:

Flexible substrates with high moisture barrier performance are required for a wide range of devices, from flexible photovoltaics through to flexible OLED displays. Atomic Layer Deposition (ALD) and sputtering techniques for the production of these barriers on plastic webs will be discussed and compared. Considerations to the barrier laminate structure and the effect on performance and the lifetime of it will be discussed.