



2019 **MRS**[®]
 April 22–26, 2019
 Phoenix, Arizona



Symposium ES18: Frontiers in Organic Photovoltaics

Apr 23

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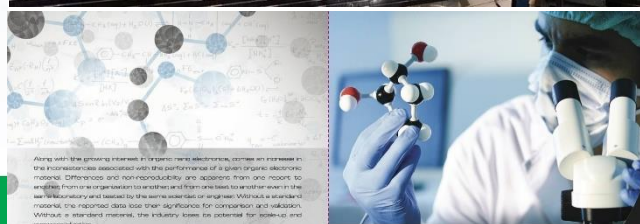
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- **OPV (Organic Photovoltaics)**
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1-material, reproducibility matters

**A chemical is not a material until its
 function is reproducibly performed
 against elapsed time.**

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Along with the growing interest in organic nano-electronics, comes an increase in the importance associated with the performance of a given organic electronic material. Differences and non-reproducibility are apparent from one report to another from one research center to another and from one lab to another when in the lab. Laboratory and tested by the same method or engineer. Without a standard material, the reported data lose their significance for comparison or validation. Without a standard material, the industry loses its potential for growth and commercialization.

1-Material Inc. sees the need and the necessity to standardize Organic Nano-Electronic (ON-E) materials for organic thin-film electronics, and also to overcome the challenges to do so. With its accumulated expertise in synthesis, purification, formulation and manufacturing the company is addressing its focus on processing and packaging (Batteries, LEDs, continuously running innovative structures, the company has utilized itself to standardize these classes, and most common substrate materials) and to reveal their real and reproducibility.

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