Driving Solar Success: EFFICIENCY

Sponsored by:

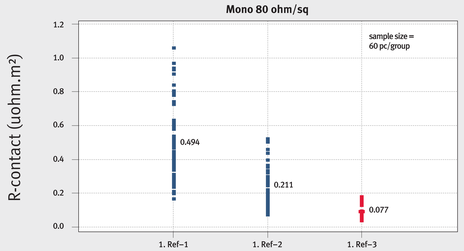
DUPONT semi

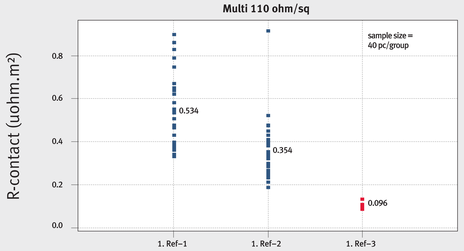
DuPont™ Solamet® PV19x Series Front Side Silver Paste Delivers Superior Efficiency for P-type Solar Cells and Cost Savings from Higher Yields

- Innovative chemistry enables fine line printing down to 30µm while maintaining excellent conductivity and aspect ratio to boost efficiency
- Enables extreme LDE by reducing contact resistance by an order of magnitude for further electrical improvement
- Delivers › 0.15% efficiency gain with proven module reliability
- Provides robust processing latitude to improve production yield through advanced proprietary technology
- Allows tighter cell distribution to increase high-efficiency binning ›17.8% to support ›260 watt module output*
- Improves high-efficiency cell production yield from 93% to 98.5%*

*Result from pilot production with collaboration partner

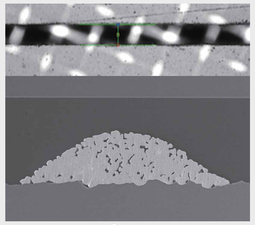
Solamet® PV19x proprietary technology enables extreme LDE and robust processing latitude



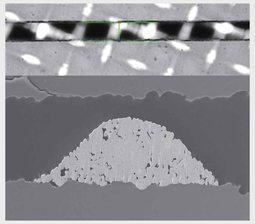


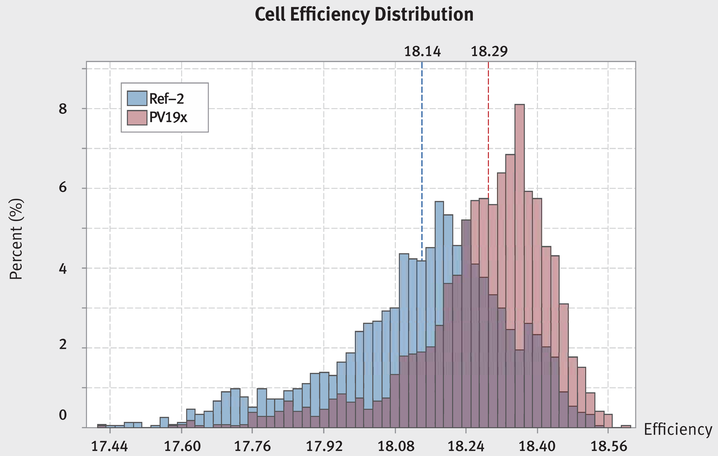
DuPont™ Solamet® PV19A - first commercial product in Solamet® PV19x series

Excellent fine line printability and aspect ratio on 30µm screen opening



Reference



Solamet® PV19A

Solamet® PV19x improves performance and yield, demonstrated in industrial scale