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Alpha’s Narahari Pujari to Present at SNEC PV Power Expo in Shanghai China May 2018. Title: New Challenges for Tabbing and Stringing Liquid Fluxes


Narahari Pujari, R&D Manager for Alpha Assembly Solutions, part of the MacDermid Performance Solutions group of businesses, will present a technical paper on New Challenges for Tabbing and Stringing Liquid Fluxes that focuses on challenges for the tabbing fluxes arising as a result of rapid change in technology, process, material and reliability requirements.

“Tabbing liquid fluxes plays a key role in PV module assembly process,” said Pujari. “Flux reacts with and thereby removes surface oxides on both, the solder and the substrate. This ensures that clean metals are presented during reflow so wetting and associated bond formation can proceed.” He continues, “Fluxes, however, can be responsible for pollution on tools, cold solders, weak peel strength, nozzle clogging, power attenuation, incompatibility and many other issues causing severe delays in the shipment.”

Pujari’s presentation will categorize and evaluate the challenges for tabbing liquid fluxes and suggest the ways to overcome them.

For more information on Alpha’s solder interconnect technology, or any of our other product solutions for Photovoltaic applications, visit the AlphaAssembly.com.

2018 SNEC PV Power Expo
Date: Sunday 27th May, 2018 – Wednesday 30th May 2018
Venue: Shanghai, China
Presentation: New Challenges for Tabbing and Stringing Liquid Fluxes
Date: 28th May 2018
Time: 16.30
Presented by: Narahari Pujari, R&D Manager, Alpha Assembly Solutions

About SNEC
SNEC is international PV tradeshow with high influence in China, Asia and rest of the world. SNEC showcases PV manufacturing facilities, materials, PV cells, PV application products & modules, and PV project and system, covering every section of the whole PV industry chain. The conference provides an excellent platform for the world’s PV experts and scientists to showcase and share the latest developments in solar energy technologies.

About Alpha Assembly Solutions
Alpha Assembly Solutions, part of the MacDermid Performance Solutions group of businesses, is the world leader in the development, manufacturing and sales of innovative specialty materials used for electronics assembly, die attach and semiconductor packaging in a wide range of industry segments, including automotive, communications, computers, consumer, power electronics, LED lighting, photovoltaics, and others.

As the electronics industry continues to evolve, Alpha is focused on developing novel and unique processes for solving assembly challenges. Whether traditional electronics assembly, die attach or emerging applications, such as flexible and formable electronics, Alpha designs solutions for manufacturing that looks at how multiple products can interact in the same environment to provide customers with the most effective assembly solution for their application.

Since its founding in 1872, Alpha has been committed to developing and manufacturing the highest quality materials with a focus on sustainability and recycling services. For more information, visit AlphaAssembly.com.

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