

# Neoganth<sup>®</sup> E Activator

Economic horizontal activator

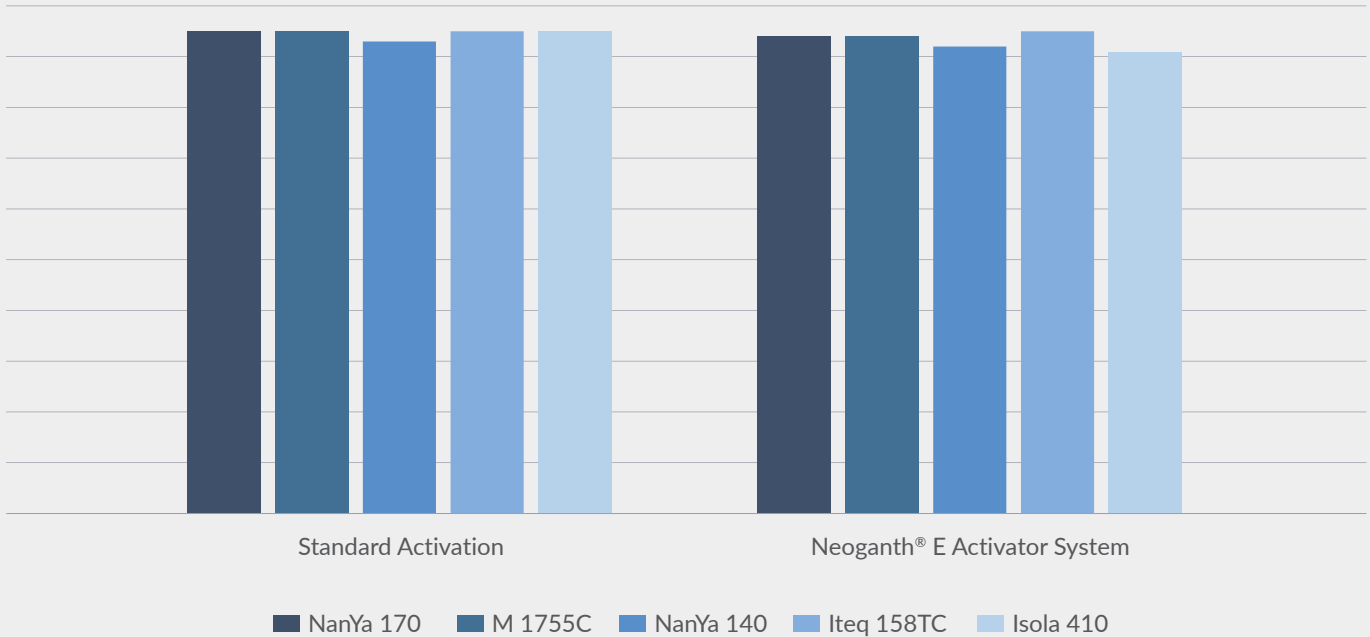


Electronics

Desmear and metallization

atotech.com

## Backlight fulfills Atotech specification D8-10



Cost efficient activator for MLB, HDI and rigid-flex production in horizontal equipment

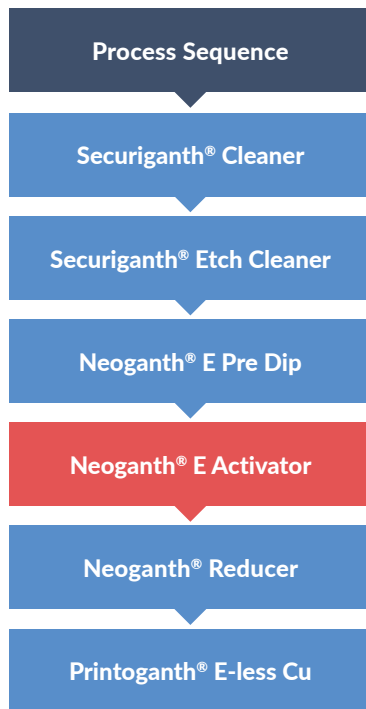
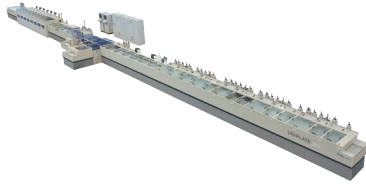
80 ppm

Palladium

### Highly efficient and cost effective

Neoganth<sup>®</sup> E Activator is the next generation of low Palladium activators for electroless Copper processing. It provides a longer life time and reduces consumption due to lower bath precipitation and sludge formation and offers good coverage on a wide range of dielectric materials.

# Easy drop-in solution fully compatible to standard horizontal process sequences



## Features and benefits

- Operates at 80 ppm Pd bath concentration
- Excellent bath stability compared to other low Pd activators
- Increased bath lifetime
- Low Pd precipitation and low sludge formation
- Estimated 30% cost reduction
- Comparable performance to high Pd containing activators on standard PCB material
- Compatible with existing Atotech horizontal processes, and drop-in systems

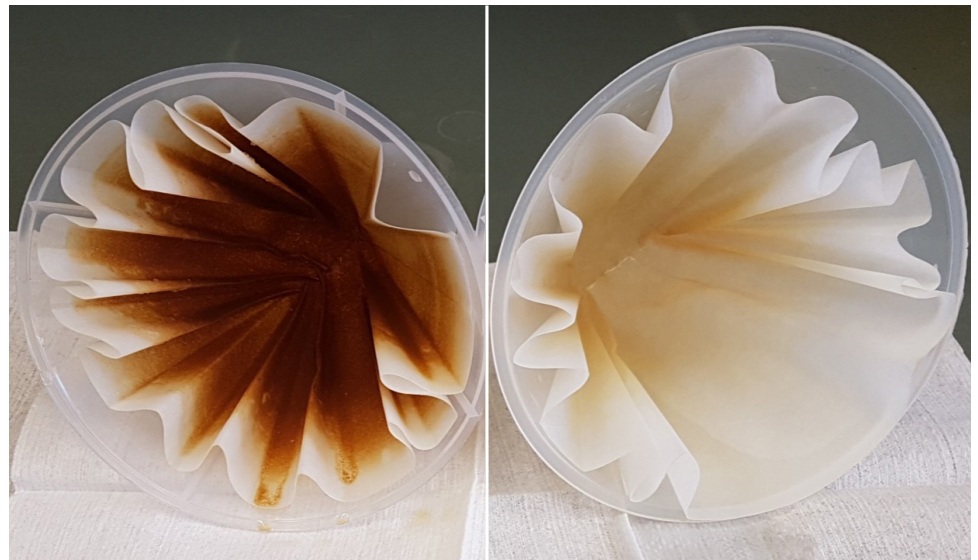


Figure 1: Low Pd precipitation / low sludge formation (11 m<sup>2</sup>/L throughput).  
Left: Standard activation, right: Neoganth® E Activator System

