

EFFICIENCY

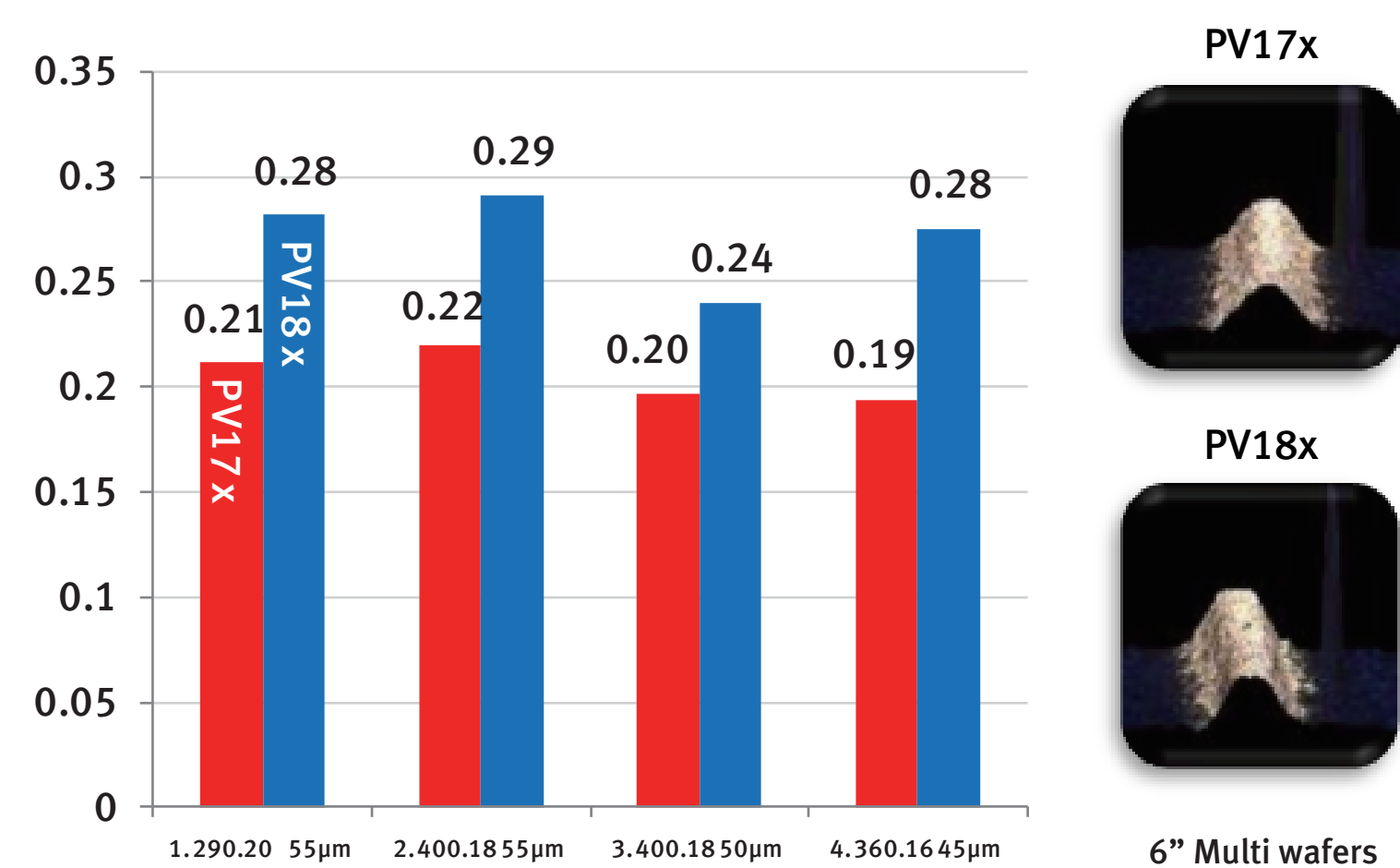
PHOTOVOLTAIC METALLIZATIONS

On target to boost cell efficiency to 22% in 2015

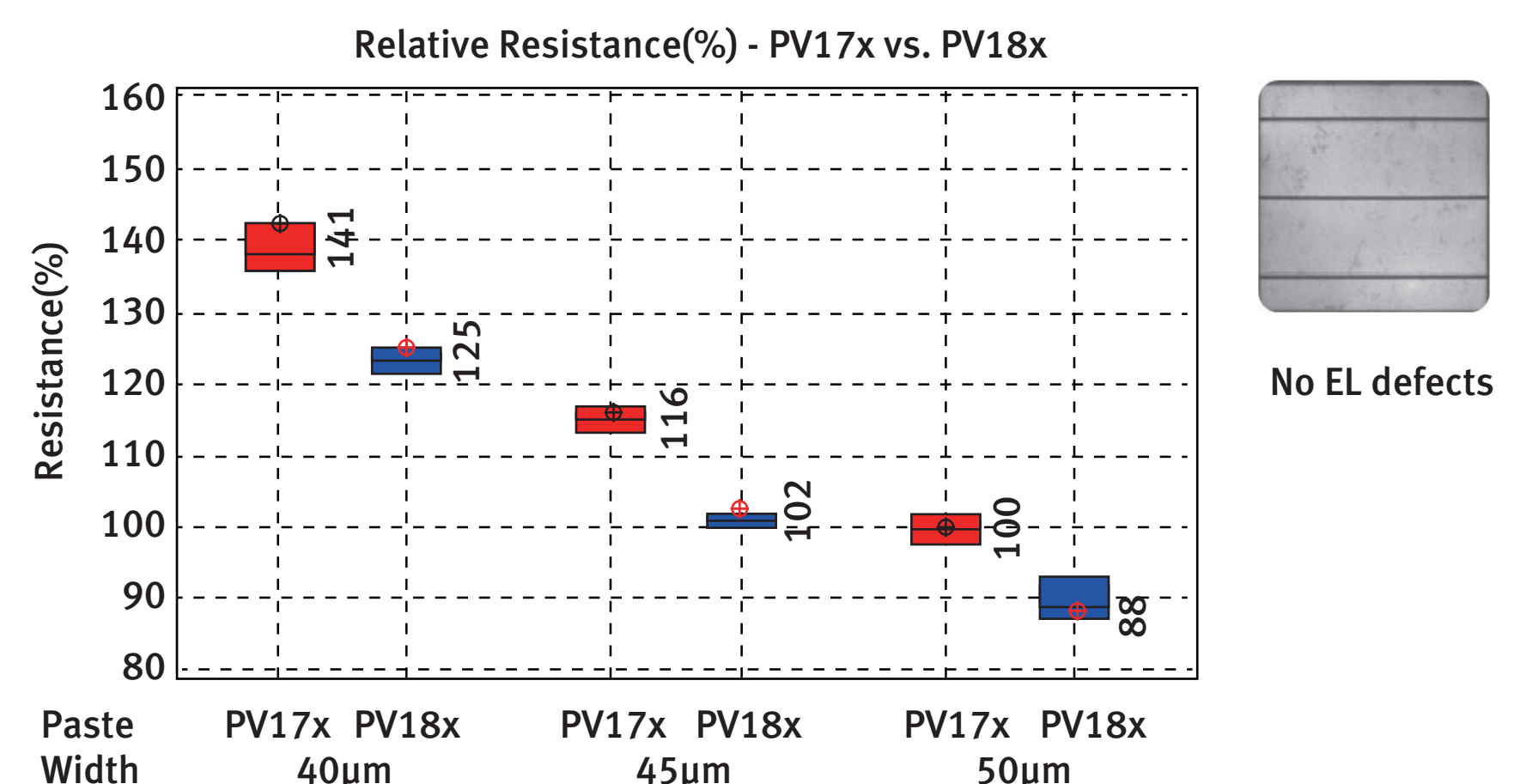
DuPont™ Solamet® PV18x frontside silver paste

Demonstrate superior fine line capability to reach higher cell efficiency

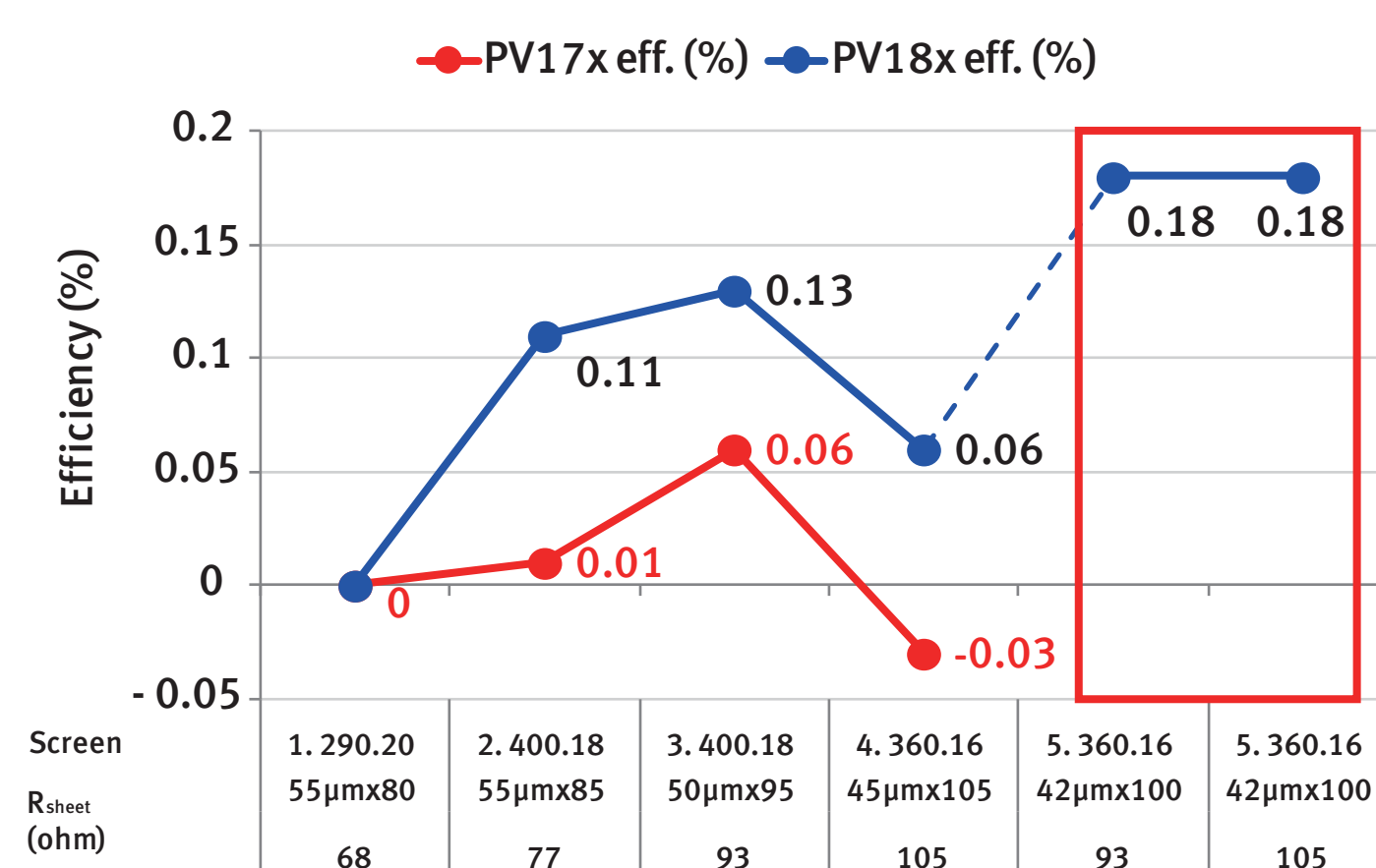
- Good contact performance on higher R_{sheet} emitter to sustain fill factor
- Superior fine line printability
- Improved grid line resistance
- Stable on the screen, operator friendly



DuPont™ Solamet® PV18x improve aspect ratio with narrow finger line design



DuPont™ Solamet® PV18x lower R_{gl} by 12% and no EL defects at 40µm finger line opening



Over 0.1% *efficiency improvement* achieved by DuPont™ Solamet® PV18x due to its superior fine line capability