

## WHY NP560 SOLDER PASTE?

NP560 consistently delivers paste transfer efficiencies of 0.50 to 0.55 AR and is fully capable of printing and reflowing 01005 components, even in air, with minimal graping behavior. In addition to its stable, consistent product performance, NP560 has redefined the voiding standard for PCB assembly and has the potential for low voiding performance.



Voiding in solder joints is caused by entrapped gases during the soldering process. When the solder joint is a QFN (Quad Flat No lead) thermal pad, excessive voiding can lead to poor thermal conductivity. Today's electronics are designed to work at increasingly faster speeds which creates higher operating temperatures. If this heat cannot be dissipated efficiently, these components may burn themselves up. After the device would burn out, it will be defective to the user.















