

Technic Releases Highly Reflective White Solder Mask for Advanced LED Applications

Cranston, RI USA – Technic is pleased to announce the release of TechniMask ISR1000F/900G, a liquid photo-definable flexible white gloss solder mask designed specifically for today’s demanding LED applications. TechniMask ISR1000F/900G offers one of the highest-rated reflectance values while exhibiting little to no discoloration after multiple reflow applications. This product will completely eliminate any pink/violet discoloration after reflow, which can occur after standard ENIG application.



TechniMask ISR1000F/900G operates with standard exposure and UV/LED direct imaging systems with minimized undercut while maintaining very high flexibility. The product is compatible for flexible, rigid-flexible, and rigid LED applications producing a pure white, track-free cosmetic surface that has demonstrated a > 85% reflectivity after reflow. TechniMask ISR1000F/900G is free of halogens, Sb, Be, and phthalates. This product is also RoHS compliant and meets or exceeds IPC SM 840E specifications.

“TechniMask ISR1000F/900G represents several years of development, with some of the most challenging applications in the LED industry. We are very excited with the response from a number of customers that are very pleased with the results in both its application and performance.”

Tom Horigome
Global Director - Imaging Products

About Technic

Technic Inc. is a Rhode Island based, privately held corporation with over 950 employees worldwide. For over 70 years, Technic has been a global supplier of specialty chemicals, custom finishing equipment, engineered powders, and analytical control systems to the electronic component, printed circuit board, semiconductor, industrial finishing and decorative industries. Technic is also a major supplier of engineered metal powders to the solar industry.

Learn more at www.technic.com or contact us at (401) 781-6100.