

NEWSLETTER

LAMAR



**NEW AGREEMENT BRINGS
MORE QUALITY PRODUCTS
TO THE UK MARKET**



Lamar are pleased to announce the signing of an agreement with the Umicore Group of Germany. Umicore operate on all continents and serves a global customer base. Umicore currently employs 14,000 personnel.

The agreement with Umicore brings an exciting new range of products to Lamar's portfolio, including Taiyo inks.



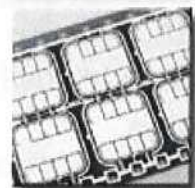
Taiyo are the world's largest supplier of soldermasks, and the product offering includes LPI soldermasks, hole plugging materials, flex cover coats, legend inks as well as LDI soldermask.



Also part of the agreement is the Umicore and Uyemura range of chemistries for the electronics industry.

These include final finishes such as Electroless Nickel Immersion Gold (ENIG) and Immersion Silver, as well as a unique organic additive system, designed to fill blind vias with electroplated copper utilising vertical plating equipment.

A new finish from Umicore eliminates the problem of nickel diffusing into the gold when using ENIG. This finish includes a very thin palladium barrier layer between the nickel and gold.



For more information on Taiyo and Umicore products give us a call



Lamar Group Ltd
Olympic Complex, Drybridge Road, Dundonald, Ayrshire KA2 9BE
T: +44 (0)1563 85 11 55 T:(Sales) 0845 702 3590/ 7023591
Fax: +44 (0)1563 851188



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NEW HIGH Tg LAMINATE FROM PANASONIC

Panasonic have introduced a high Tg laminate suitable for lead-free soldering.

The laminate is R1755V and meets the requirements of IPC 4101/98.

R1755V has the following characteristics:-

Tg 170°C

T260 >60 minutes

T288 16 minutes

CTE from 50°C to 250°C = 2.4%

R1755V has high heat resistance and adhesion, and has excellent processability

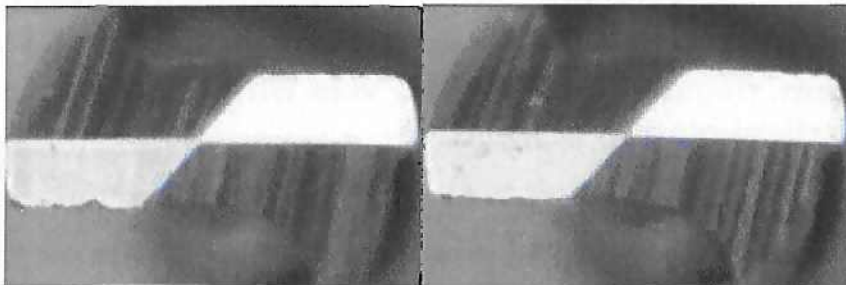


BEST PERFORMING DRILL EXIT MATERIAL

A recent investigation by drill manufacturer HP-Tec showed that the white faced techboard (TBW) from Lamar gave the best results for low drill wear and less chips on the cutting edge.

Competitor's white Faced Techboard after 1000 hits

Lamar TBW after 1000 hits



The test was carried out with a 0.35mm undercut drill at 110,000rpm and 26µ/1 chipload. The pictures show the improvement in drill wear when using TBW from Lamar.

If you would like to try some TBW and see the difference for yourself please call Lamar Sales.



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