

# NEWSLETTER

# LAMAR



## WIN A CASE OF WINE

Following the success of previous years, we are once again giving you the chance to win a case of wine. In the run up to Christmas until 15/12/2006 every order placed with Lamar will be entered into a weekly lucky draw.

**Each week the winner will receive a case of 12 bottles of wine, 6 red and 6 white.**

**NEW**

## LOW-COST THIN STAINLESS STEEL SEPARATORS

**NEW**

Thin stainless steel separators offer advantages over both aluminium and the more conventional 1.6mm steel

Lamar can offer two thicknesses of steel separator — 0.22mm and 0.49mm. Both these thicknesses can be re-used.

Surface finish  $R_a < 0.3\mu$

The steel is the same grade as that which is used in Copper/Steel/Copper so it's performance is first class.

**Lamar's thin steel has the following advantages over aluminium:-**

- ▶ It is harder which means less telegraphing
- ▶ Co-efficient of thermal expansion (CTE) is similar to FR4 which means less stresses in the press stack
- ▶ Less chance being damaged which means it is re-usable

**Lamar's thin steel has the following advantages over 1.6mm steel:-**

- ▶ Cheaper which means it's a consumable item
- ▶ Lighter which means it's easier to handle press stacks
- ▶ Easier to tool no need to pay for expensive tooling.

**CONTACT LAMAR FOR MORE DETAILS**

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## Low-Cost Lead-Free Rigid Laminate



From December 2006 we will have stocks of a low-cost rigid laminate suitable for lead-free assembly, which is approved to UL 94-V0. File No E213990

\*\*\*\*\* SN-L6 has the following thermal characteristics\*\*\*\*\*

Glass Transition Temperature (Tg)	155 °C
Decomposition Temperature (Td)	345 °C
Time to delaminate at 260 °C (T260)	60 minutes
Time to delaminate at 288 °C (T288)	29 minutes
Time to delaminate at 300 °C (T300)	12 minutes

Lamar's UL approval (File No E125588) allows us to repackage approved products and supply them with full UL traceability

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*It's nearly Christmas time again. We will be closed from 16:00 hrs on Friday 22 December to 08:45 on 2nd January 2007*

This year, as in previous years, we will not be sending cards this Christmas. Instead we will be making a donation to a charity. This year the charity to benefit will be Cancer Research UK

The staff at Lamar would like to wish all of you a Happy Christmas and a Prosperous New Year

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