

TITLE OF THE INVENTION

5 INSULATOR COMPOSITION, GREEN TAPE, AND METHOD
FOR FORMING PLASMA DISPLAY APPARATUS BARRIER-RIB IN
WHICH THESE ARE USED

ABSTRACT

10 A coatable insulator composition for use in the
formation of a green tape comprising fine inorganic
micropowders composed of amorphous glass and a refractory
oxide in a volatile organic solvent solution of a binder
composed of a polymer substance and a plasticizer(s). A
15 green tape obtained by coating said composition over a
flexible substrate, and heating and drying this product to
remove the organic solvent; and a method for forming a
barrier-rib for a plasma display apparatus by sandblast
etching using said green tape as an insulator layer for the
barrier-rib formation. A use of a pre-formed green tape of
20 uniform thickness in the formation of the barrier-rib of a
plasma display apparatus allows the thickness uniformity of
the barrier-rib to be improved and the work rationalized,
which means that the plasma display apparatus can be made
larger and finer, and mass production throughput will be
25 enhanced.

