

SECTION E

E - 16

**IDENTIFICATION AND CHARACTERISATION OF THE PHENOLIC CONSTITUENTS
OF SMOKE WHICH IS DEPOSITED ON RIBBED SMOKED SHEETS**

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Ribbed smoked sheets (RSS) show better resistance to oxidation than other forms of natural rubber. This is due to phenolic compounds that are deposited during smoking. The present investigation is to separate and identify these phenolic compounds. Deposits were extracted with acetone and methanol. The phenolic compounds were then isolated and identified by gas liquid chromatography.