

PRODUCTION OF BERYLLIUM LOADED PLASTIC FILMS*

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ABSTRACT

Three plasma polymerization techniques have been examined for production of air-stable films consisting principally of beryllium and carbon. Direct polymerization of diethylberyllium (DEB), Be vapor injected trans-2-butene (T2B) plasma polymerization, and reactive sputtering of Be with a T2B plasma. Details of the set up and operation of each of these techniques and their relative advantages will be described.

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Poster

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