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Tests of a new anode resistive coating for a Micromegas TPC

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There are more and more applications of resistive coatings for MPGD anodes. They are used for spark suppression and damping in Large Area detectors and for charge spreading to improve the resolution in a TPC (with the suitable RC constant per unit area). Recently a new material, Diamond-Like Carbon has been tested as coating for Micromegas TPC modules. Performances of modules with this new coating are compared with results obtained

in the same conditions with Carbon-Loaded Kapton. Advantages of this new material will be discussed.

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