

The T2K (Tokai to Kamioka) experiment is a long-baseline neutrino oscillation experiment located in Japan. Its Near Detector (ND280), is used to characterize the neutrino beam before oscillations and is being upgraded for the second phase of T2K. One of the new sub-detectors of ND280 will be the High Angle Time Projection Chambers (HA-TPC) that will be read by 16 resistive Micromegas modules. The first prototype of resistive Micromegas was exposed to a beam of charged particles at CERN in 2018 while the second one was exposed to an electron beam in DESY in Summer 2019. These data allowed to test the performance of the resistive Micromegas. Most of the results in this poster are concentrated on the characterization of the MicroMegas in terms of deposited energy resolution. We investigated the dependencies of deposited energy resolution on the drift distance, on the angle of the charged particles with respect to the MicroMegas plane, on the number of the cluster. We measured a deposited energy resolution of $\sim 9.5\%$ for tracks crossing the entire MicroMegas module. Such performances satisfy our requirements for the new TPCs of T2K