

Answer on Question #40016, Physics, Nuclear Physics

Question:

What is mass and charge on deuteron ?

Answer:

The deuteron is a stable particle composed of a proton and a neutron. Therefore it has the same charge as proton.

$$Q_d = e = 1.6 \cdot 10^{-19} \text{ C}$$

The mass of the deuteron is 1875.6 *MeV* or $3.344 \cdot 10^{-27}$ kg