

An electric capacitor relates to electric engineering and may be used in production of high-voltage pulse capacitors for electrical energy capacitive storages of variety electrical installations. The said capacitor comprises plates, between which a saturated film-type dielectric based on polyethylene terephthalate film is located. A low-viscous poly-methylsiloxane liquid is used for saturation. The technical result is provision of safe operation of the capacitor at 150 °C and increase in accumulated specific energy.