

A fireproof polymeric composition contains a) between 20 and 60 % by weight of thermoplastic and/or cross-linked or being cross-linked and/or elastomeric polymer and b) between 40 and 80 % by weight of fire-protective agent, representing aluminium hydroxide which is characterized by defined values of specific surface, mean diameter, residual humidity, oil absorption and water-absorbing capacity. A method for the preparation of fireproof agent is performed in such a way that aluminium hydroxide obtained by precipitation and filtration being represented in the form of filtered cake, containing moisture and which mean particles diameter is between 0.8 and 1.5 μm , is subjected to grinding in the turbulent flow of hot air with a simultaneous drying in the mode in which the specific surface of this aluminium hydroxide being determined by BET-method, is increased at least by 20% at practically grain-size composition thereof being practically unchanged.