

Title (en)
POLYMER COMPOSITION

Title (de)
POLYMERZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE POLYMÈRE

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Application
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Abstract (en)
[origin: WO2013079383A1] The invention pertains to a polymer composition having improved flammability properties comprising: - at least one polycondensation polymer having a heat deflection temperature (HDT) of above 80°C under a load of 1.82 MPa when measured according to ASTM D648 [polymer (P)]; - at least one fluorinated sulfonate salt [salt (F)] of either of formulae: $(X_{n+})^{1/n} O_3S-R^*dF-SO_3-(X_{n+})^{1/n}$ and $R^{*m} F-SO_3-(X_{n+})^{1/n}$ wherein $R^*d F$ is a divalent C1-C14 per(halo)fluorocarbon group, possibly comprising one or more ethereal oxygen atom, comprising optionally one or more halogen atom(s) different from fluorine, in particular Cl; R^{*mp} is a monovalent C1-C 14 perfluorocarbon group, possibly comprising one or more ethereal oxygen atom, comprising optionally one or more halogen atom(s) different from fluorine, in particular Cl; X = H, a metal cation, or an ammonium group; n is the valence of the cation X, preferably 1 or 2.

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See references of WO 2013079383A1

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