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ABSTRACT



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The present invention relates to a functionalized polyphenylene ether which has, in its molecule, at least one functional group selected from a carboxyl group, an acid anhydride group, an amino group, an amide group, an imide group, a silyl group, a hydroxyl group and a glycidyl group, and which gives a proton NMR spectrum with a peak area ratio (A)/(B) of 0.0001 or greater, wherein (A) is the area of peaks at chemical shifts from 2.95 to 3.04 ppm, and (B) is the area of peaks at chemical shifts from 6.00 to 6.90 ppm. Having a novel structure that has not been obtained by conventional techniques, the functionalized polyphenylene ether of the present invention has an excellent color tone, contains little black foreign substance, and provides polymer alloys with superior mechanical characteristics when blended with different polymers, and therefore makes it possible to provide products and parts in various industrial fields that will sufficiently meet the industrial demands.