

Title (en)

COMPOSITIONS OF AN INTERPOLYMER AND POLYPHENYLENE ETHER RESIN

Title (de)

ZUSAMMENSETZUNGEN, DIE INTERPOLYMERE ENTHALTEN UND POLYPHENYLENETHER

Title (fr)

COMPOSITIONS CONSTITUEES D'UN INTERPOLYMER ET DE RESINE D'ETHER DE POLYPHENYLENE

Publication

**EP 1169389 A1 20020109 (EN)**

Application

**EP 00910173 A 20000214**

Priority

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Abstract (en)

[origin: WO0060002A1] The invention generally relates to novel compositions comprising (i) at least one substantially random interpolymer containing (a) ethylene; (b) one or more aromatic vinylidene monomers or hindered aliphatic or cycloaliphatic vinylidene monomers, and (c) optionally, one or more polymerizable C3 to C20 olefinic monomers, and (ii) at least one polyphenylene ether resin having an intrinsic viscosity within the range of about 0.05 dl/g to about 0.60 dl/g, preferably within the range of about 0.08 dl/g to about 0.15 dl/g, as measured in chloroform at 25 DEG C. In a preferred embodiment, the compositions are substantially free of elastomeric block copolymer resins. The invention also relates to processes to manufacture the blends as well as articles made from the blends.

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