

Title (en)

POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN

Title (de)

MISCHUNGEN VON POLYOLEFINEN MIT DURCH POLYETHERAMINE FUNKTIONALISIERTEN POLYOLEFINEN

Title (fr)

POLYOLEFINE CONTENANT UNE POLYOLEFINE FONCTIONNALISEE MODIFIEE PAR POLYETHERAMINE

Publication

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Application

**EP 98922173 A 19980512**

Priority

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Abstract (en)

[origin: WO9851742A1] This invention concerns a composition comprising a blend of polyolefin with the reaction of a functionalized polyolefin and polyetheramine in which the polyetheramine is grafted into the functionalized polyolefin in a customary mixing apparatus. A process for producing the reaction product of functionalized polypropylene and polyetheramine by melting with polypropylene in a customary mixing apparatus is also disclosed. Blends of the present invention are advantageously useful to prepare paintable automotive body parts. This invention further includes dyeable polyolefin compositions containing the reaction product of functionalized polyolefin and polyetheramine. Dyeable polyolefin fibers, including polypropylene fibers, are disclosed, which may be made by melt spinning, and which may be employed to make woven and non-woven fabric. The polyolefin employed in the practice of this invention may be a flexible polyolefin.

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See references of WO 9851742A1

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