

Title (en)

Compositions and methods for fabricating solvent resistant connectors.

Title (de)

Zusammensetzungen und Verfahren zur Herstellung von Lösungsmittelbeständigen Verbindern.

Title (fr)

Compositions et procédés pour fabriquer des connecteurs résistants à des solvants.

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Application

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Abstract (en)

Compositions useful for fabricating grommets (36,116) of both the plug (30) and the receptacle inserts of a connector (10,100) resistant to solvents having a Shore A hardness of about 50 - 60 and about 65 - 75, respectively, comprises a mixture of halogenated (e.g. chlorinated) polyolefins and/or olefins, an activator, a release agent, a plasticizer, preferably a vulcanizer, preferably a cross-linking agent, optionally a filler, preferably a colorant or optionally a whitener. In addition, compositions useful for fabricating the socket (112) of the receptacle insert (108) of the connector resistant to solvents and with a Shore A hardness of about 65 - 75 comprises a mixture of halogenated (e.g. tetrafluoroethylene/propylene) olefins and/or olefins, an accelerator, a vulcanizer, a release agent, a processing aid agent, preferably a filler, preferably a colorant or optionally a whitener. Connectors are resistant to solvents commonly used in military and commercial aircraft operation when their grommets and sockets are fabricated from compositions as described above. <IMAGE> <IMAGE>

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