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(54) Title: BLENDED FLUOROPOLYMER COMPOSITIONS HAVING MULTIPLE MELT PROCESSIBLE FLUOROPOLYMERS

(57) Abstract: Fluoropolymier compositions that include multiple fluoropolymer components and, in exemplar)' applications, may be applied as coatings to either rigid or flexible substrates. The compositions may themselves be applied as basecoats or overcoats, or may be combined with other components to formulate basecoats or overcoats. In one embodiment, the compositions include at least one low molecular weight polytetrafluoroethylene (LPTFE) and at least two chemically different melt processible fluoropolymers(MPF). Tn another embodiment, the compositions include at least one high molecular weight polytetrafluoroethylene (HPTFE), at least one low molecular weight polytetrafluoroethylene (LPTFE), and at least two chemically different melt processible fluoropolymers (MPF). After being applied to a substrate, optionally over a basecoat and/or a midcoat and then cured, the present compositions form coatings that demonstrate improved characteristics, such as improved release characteristics, abrasion resistance, translucency/transparency, and permeability, for example.



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