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54 Soft tissue paper.

(57) Tissue paper having a soft, silky, flannel-like tactile feel through incorporation of an effective amount of a chemical additive such as, for example, a polysiloxane. Preferably, less than about 2% of such a chemical additive on a dry fiber weight basis, is incorporated in the tissue paper: more preferably, only about 0.3% or less is so retained. Tissue paper embodiments of the present invention may further comprise a quantity of surfactant material to enhance softness and/or surface smoothness and/or wettability control; and/or a quantity of a binder material such as starch for linting control. For example, embodiments which would otherwise manifest a significant reduction in wettability due to incorporated chemical additives may further comprise sufficient surfactant to at least partially offset the reduction of wettability induced by the chemical additive: e.g., for toilet tissue embodiments to be sufficiently wettable to be handled in contemporary sewage handling and disposal systems. Additionally, for example, embodiments which would otherwise manifest a significant exacerbation of linting due to such incorporation of chemical additives alone or in combination with surfactant materials, may further comprise an effective amount of a binder such as starch to at least partially offset the linting exacerbation effects of the chemical additive and, if present, surfactant materials.



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