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(54) Title: PROCESS FOR MAKING PAPER

(57) **Abstract:** Methods for making paper or paperboard are described. One preferred method comprises forming a treated pulp by added to a papermaking pulp a synthetic layered silicate, a peptizer and at least one polymer. The synthetic layered silicate preferably comprises a synthetic hydrous sodium lithium magnesium silicate and the polymer is selected from cationic, nonionic and amphoteric polymers. The peptizer is preferably an inorganic polyphosphate peptizer and is contained in certain commercial synthetic layered silicate products. The inventor has surprisingly found that the peptizer provides significant improvements in drainage, retention and turbidity, thereby improving the papermaking process and the paper or paperboard product.



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