

ABSTRACT

Disclosed is a polyurethaneurea elastic fiber
composed of a polyurethaneurea obtained by a reaction of
5 a polymer diol, organic diisocyanate, bifunctional amine
mainly consisting of 75% or more of ethylenediamine and a
monoamine; and incorporated therein a specific
alkylsulfonate or sulfate having a specific hydrocarbon
groups containing carbon atoms ranging from 6 to 20. The
10 polyurethaneurea elastic fiber can exhibit a high
breaking strength and high elongation at break, and
therefore, can produce a fine denier polyurethaneurea
elastic fiber. The fiber can provide a converting
processing of elastic fiber under a high draft and at a
15 higher processing speed.