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A novel fluorine-containing elastomer

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The use of polymeric materials has become very popular since last thirty years in many applications. A fluorine-containing elastomer comprises a terpolymer of tetrafluoroethylene, perfluoro (lower alkyl vinyl ether) and a perfluoro unsaturated nitrile compound represented by the following general formula: $CF_2=CFO(CF_2)_nOCF(CF_3)CN$. Wherein n is an integer of 2 to 5 and a bis(amino phenyl) compound represented by the following general formula as a cross-linking agent: STR1 wherein A is an alkylidene group having 1 to 6 carbon atoms or a perfluoro alkylidene group having 1 to 10 carbon atoms and X and Y are a hydroxyl group or an amino group, can produce vulcanized products having good vulcanization physical properties and a good compression.

Biography

Blessing Oseiwe Eromosele, is an Assistant Chemist, in Pydenneks offshore services limited, at NO 3, Oyinlola street, off Akowonjo Road, Lagos, Nigeria. She has graduated from our lady of Lourdes Secondary School Uromi in 2007. While she was still in College, she wrote a book on Vitamin D and was one of the interns in grand petroleum and chemicals limited in 2011. After receiving her education, she has worked as an Assistant Chemist in Pydenneks off Shore Services Limited. She desires and embraces any opportunity that will help her build her career. She is so much interested in meeting experts face to face, learning new ideas and approaches that will make her more effective and efficient at work. She has been in her current position since February 2015 and currently, has Intern working under her.

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