A polyethylene pipe

Description

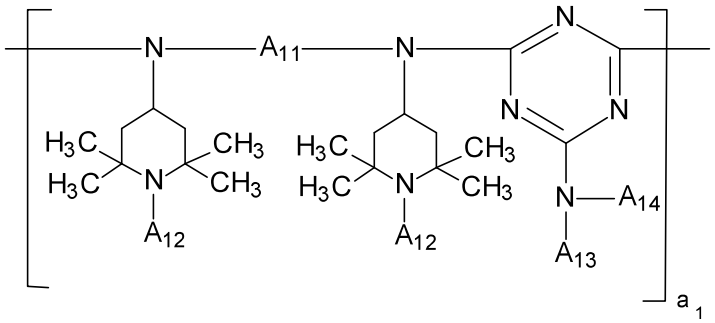
In an aspect, there is provided a polyethylene pipe comprising components A) and B), wherein component A) is a hindered amine light stabilizer containing a triazine residue, component B) is a natural or synthetic hydrotalcite and the weight ratio of component A) to component B) is 1:10 to 10:1, preferably 1:5 to 5:1.

In another aspect, there is provided the use of a mixture containing components A) and B) in a weight ratio of 1:10 to 10:1 as defined above for stabilizing a polyethylene pipe.

In yet another aspect, there is provided a method for stabilizing a polyethylene pipe which comprises incorporating into the polyethylene components A) and B) in a weight ratio of 1:10 to 10:1 as defined above.

In more detail, the pipe according to the present invention preferably consists of a polyethylene composition comprising the components A) and B) in a weight ratio of 1:10 to 10:1.

Component A) is in particular at least one compound of the formula (A-I), (A-II) or (A-III)



(A-I)

wherein A_{11} is C_2-C_{18}alkylene, C_5-C_7cycloalkylene or

C_1-C_4alkylenedi(C_5-C_7cycloalkylene),

the radicals A_{12} independently of one another are hydrogen, C_1-C_{12}alkyl or

C_5-C_{12}cycloalkyl,