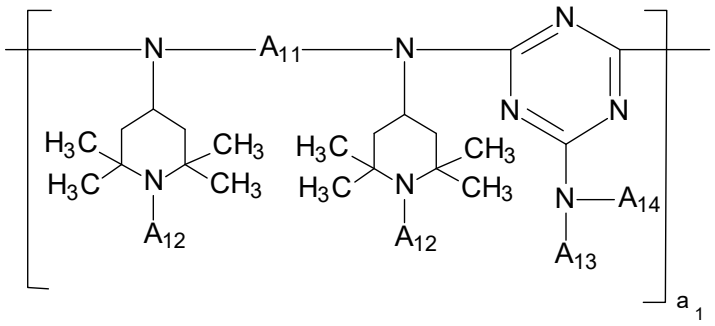
Polyethylene or polypropylene articles

Description

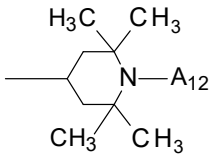
In an aspect, there is provided an article in the form of a pipe, cable or geomembrane comprising polyethylene or polypropylene, and components A) and B), wherein component A) is a hindered amine light stabilizer containing a triazine residue, component B) is magnesium hydroxide which is present in an amount of 0.01% to 5% by weight relative to the weight of the polyethylene or polypropylene, and the weight ratio of component A) to component B) is 1:50 to 50:1, with the proviso that component B) is not a hydrotalcite.

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,
A_{13} and A_{14} independently of one another are hydrogen, C_1-C_{12}alkyl, C_5-C_{12}cycloalkyl or a group of the formula (a-1),



(a-1)

or the radicals A_{13} and A_{14}, together with the nitrogen atom to which they are bonded, form a 5- to 10-membered heterocyclic ring and