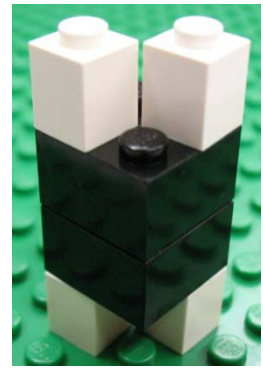


Low Density Polyethylene (LDPE,)

Monomer for the addition polymerization:



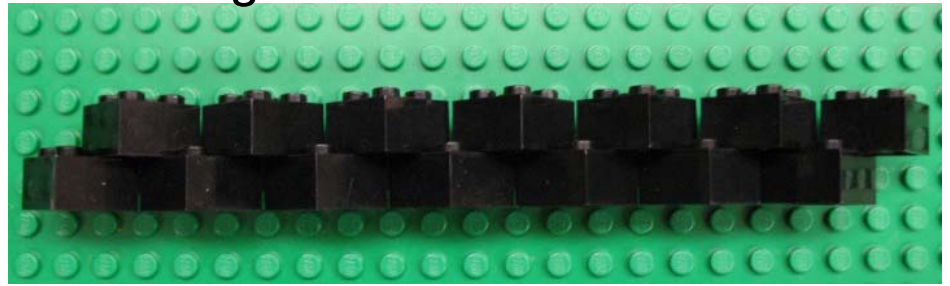
ethylene (ethene)

Color key:

black = carbon

white = hydrogen

Building the carbon backbone first might aid in construction.



The branching polymer chains pack together loosely, causing the polymer to have a lower density than high density polyethylene.

