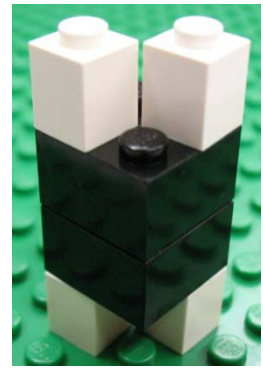


High Density Polyethylene (HDPE,)

Monomer for the addition polymerization:



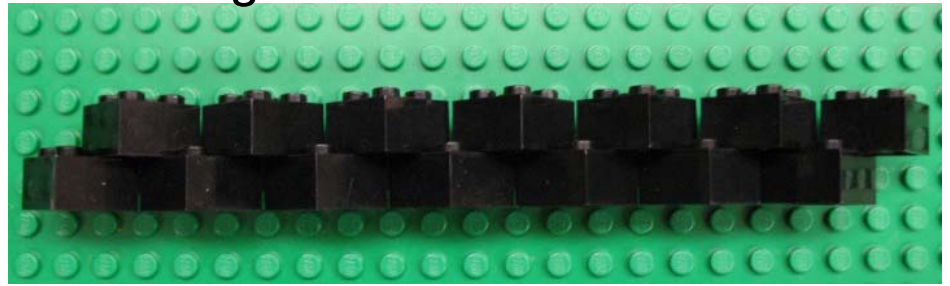
ethylene (ethene)

Color key:

black = carbon

white = hydrogen

Building the carbon backbone first might aid in construction.



The linear polymer chains can pack together closely, causing the polymer to have a higher density than low density polyethylene.

