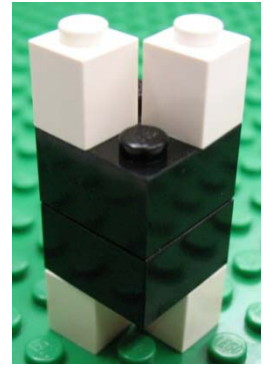


# High Density Polyethylene (HDPE, )

Monomer for the addition polymerization:

This model requires:  
2 black 2x2 bricks  
4 white 1x1 bricks



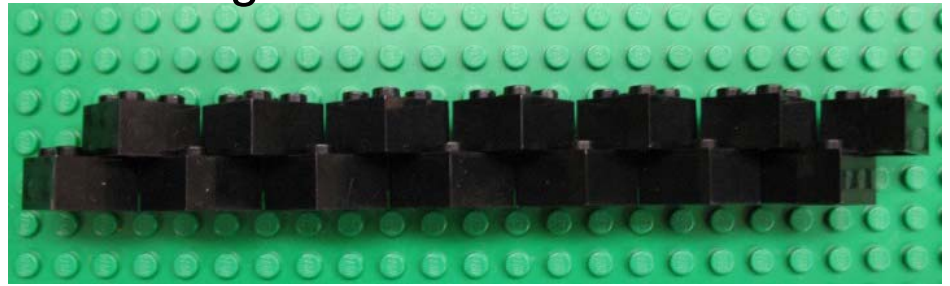
ethylene (ethene)

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.

