

### Monomers you are responsible for

As mentioned in class you are not responsible for all of the monomers, just the ones that are on our commodities list and the ones used to make the polymers on our commodities list. If the monomer is on the commodities list you also need to know its basic physical properties (s, l, g, is it colored?).

The monomers you need to know are:

name	on comm. list	properties
ethylene	yes	colorless gas, undergoes addition reactions
propylene	yes	colorless gas, undergoes addition reactions
vinyl chloride	no	made from ethylene dichloride (dichloroethane)
styrene	yes	colorless liquid, addition reactions
1,3-butadiene	yes	colorless liquid, addition reactions
Acrylonitrile	yes	colorless liquid, addition reactions
generic structure for diamines and diacids (makes nylons)	no	
amino acids	no	