

Chemistry and Chemicals

With over 3,500 chemicals for education and the widest selection of equipment, models, activity kits, and safety supplies, we have everything you need for your chemistry lab all in one place!



PARTS TO THE ORGANIC PLUS MODEL SET – 470232-052

28 WHITE HYDROGEN ATOMS

14 BLACK CARBON ATOMS, sp³ hybridization

6 BLACK CARBON ATOMS, sp² hybridization and 1 unhybridized p

2 BLACK CARBON ATOMS, sp hybridization and 2 unhybridized p

6 RED OXYGEN ATOMS, sp³ hybridization

4 RED OXYGEN ATOMS, sp² hybridization and 1 unhybridized p

1 RED OXYGEN ATOM, sp hybridization and 2 unhybridized p

3 BLUE NITROGEN ATOMS, sp³ hybridization

2 BLUE NITROGEN ATOMS, sp² hybridization and 1 unhybridized p

2 BLUE NITROGEN ATOMS, sp hybridization and 2 unhybridized p

6 GREEN CHLORINE ATOMS

2 ORANGE BROMINE ATOMS

2 YELLOW FLUORINE ATOMS

2 PURPLE IODINE ATOMS

2 YELLOW SULFUR ATOMS, sp³ hybridization

1 YELLOW SULFUR ATOM, sp² hybridization and 1 unhybridized p or sp^{3d}

1 YELLOW SULFUR ATOM, sp^{3d2}

2 PURPLE PHOSPHORUS ATOMS, sp³ hybridization

1 PURPLE PHOSPHORUS ATOM, sp² hybridization and 1 unhybridized p or sp^{3d}

28 GRAY LINKS FOR SINGLE BONDS FOR HYDROGEN

18 BLACK LINKS FOR SINGLE BONDS

12 GRAY LINKS FOR DOUBLE AND TRIPLE BONDS

6 RED LINKS FOR PI BONDS

12 RED LINKS REPRESENTING 1/4 OF A PI BOND IN AROMATICITY MODEL

12 RED CONNECTORS FOR AROMATICITY