

GOING TO BAT FOR

Chemistry



BASEBALLS

Baseballs have a rubber core that is wrapped in yarn and covered with leather. **Lion Elastomers** produces the rubber that gives baseballs their bounce.

BASEBALL BATS

Aluminum baseball bats require alumina, produced by **Atlantic Alumina**, the only US alumina producer.

GLOVES

Methanol, produced by **Koch Methanol St. James**, is a key ingredient found in sports gloves.

HELMETS & CATCHER'S GEAR

Polycarbonate plastic and polyvinyl chloride (PVC), produced by **Formosa Plastics** and **Shintech Louisiana**, are used on the helmet's outer shell. **BASF** and **Huntsman/Rubicon** produce polyurethane foams that make up the padding on the inside. **OxyChem** produces chlorine, which is an essential building block for protective sports gear.

CLEATS

ExxonMobil produces synthetic rubber, which give sports shoes their light weight.

UNIFORMS & HATS

Methanol, produced by **Methanex**, extends the durability of clothing and textiles. Polyester and other synthetic fibers are made with mono-ethylene glycol from **Lotte Chemical**. Uniforms are washed with detergents made from **Shell Geismar's** ethoxylate units.

ARTIFICIAL TURF

Polyethylene and polypropylene make up the synthetic turf for many fields. **ExxonMobil** produces these important molecules.

FIELD PAINT

There couldn't be a game without the field lines! The paint for these lines are made with acrylic polymer emulsions, produced by **Westlake Chemical**.

