

Polyester soccer jerseys, polyethylene swim lane dividers, carbon track shoe insoles, and the jet fuel that moves athletes all over the world. These are just a few examples of the fuels and petrochemical-based materials that play an irreplaceable role in summer sports.

The infographic features a central illustration of a female athlete in a white long-sleeved jersey and black leggings running across a green field under a blue sky. Three yellow callout lines connect the runner to three informational boxes. The first box, on the left, is for jet fuel, showing a white airplane and a kerosene molecule structure. The second box, on the right, is for torch fuel, showing a lit torch and chemical structures for butane and propane. The third box, also on the right, is for polyester, showing a xylene molecule structure. The background includes rolling green hills at the bottom.

jet fuel
LOW FREEZE POINT,
HIGH FLASH POINT

kerosene

torch fuel
BURNS CLEANER, LONGER

butane propane

polyester
SOFT AND FLEXIBLE

xylene

Athletes know that things like polyester, rubber and polyurethane (all of which are made from petrochemicals) help them perform at their best.

polyurethane

STRETCHES AND HOLDS SHAPE



butane



benzene

fiberglass

HIGH TENSILE STRENGTH



benzene



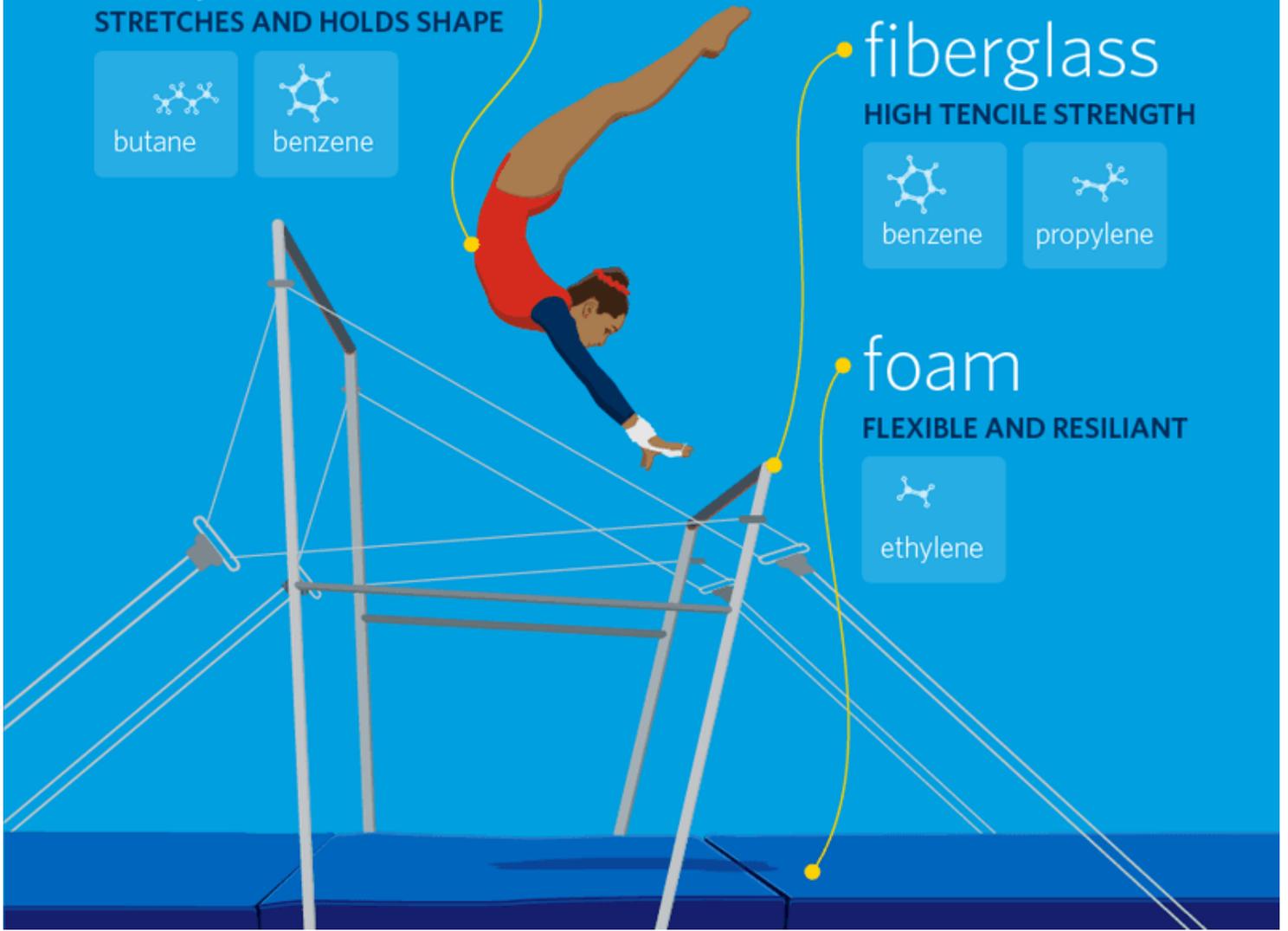
propylene

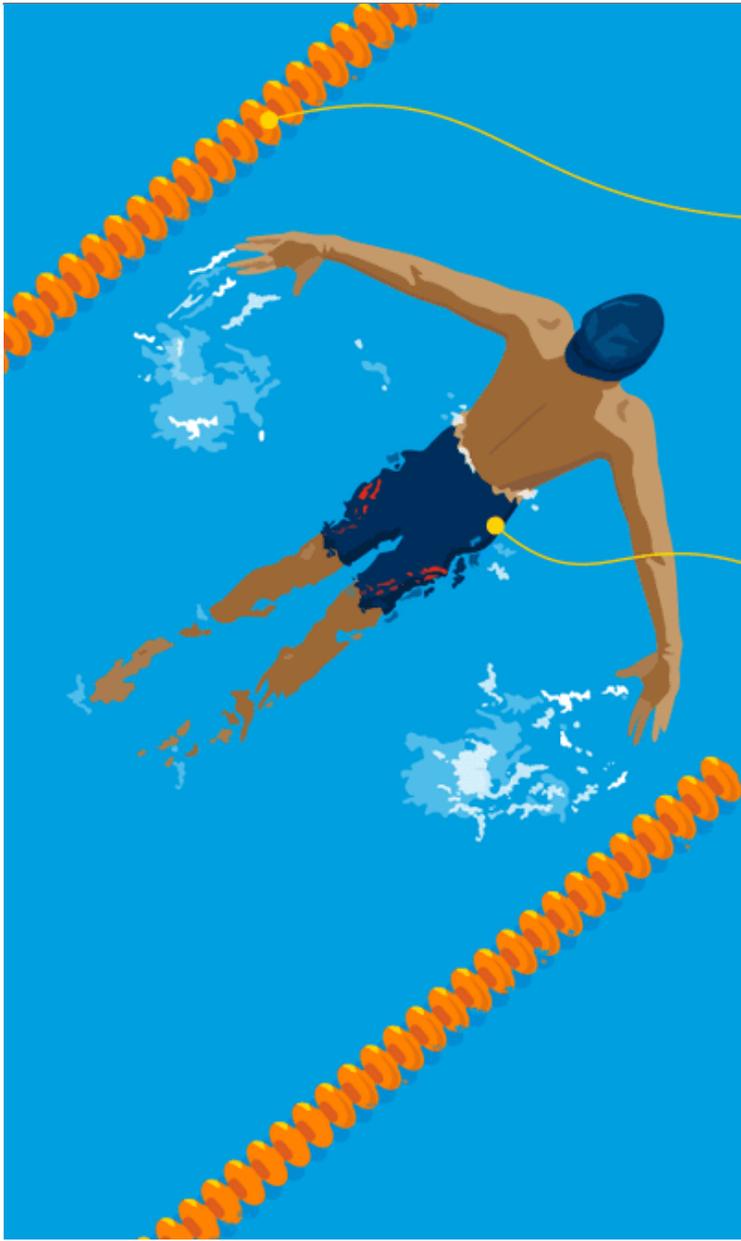
foam

FLEXIBLE AND RESILIENT



ethylene





polyethylene

BUOYANT



ethylene

elastane, nylon, polyurethane

HIGH ELASTICITY AND HYDROPHOBIC



butane



benzene

butylene
(butadiene)



ethylene

polyester

SOFT AND LIGHTWEIGHT



xylene

polyurethane-coated leather

WATER RESISTANT AND DURABLE



ethylene



benzene

high-tenacity polypropylene, polyethylene and nylon

STRONG AND LIGHTWEIGHT



ethylene



polyester

SOFT AND LIGHTWEIGHT



carbon plate

HIGH ENERGY RETURN



benzene



propylene

rubber

SHOCK ABSORBING

butylene
(butadiene)



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