

K450 PVC Rocket Engine Fuel Specifications

Fuel Composition

The fuel for the K450 PVC rocket engine is comprised of Potassium Nitrate (Kno3), powdered sugar and corn syrup in the following proportions:

Kno3	65%
Powdered sugar	17%
Corn Syrup	18%

Fuel Weight

There is 3.95 lbs. of fuel in each engine.

Burn Time

Each engine burns for 2.75 seconds once ignited.

Thrust

Initial thrust of the K450 engine is 100 pounds with a maximum thrust of 300 pounds.

