

# QUEST C6

## CERTIFIED VALUES

Total Impulse: 8.76 newton-seconds  
Delays: 3, 5 seconds

Propellant Type: Black Powder  
Propellant Mass: 12.5 grams

Casing Dimensions: 18 mm x 70 mm

Certification Date: 07-August-12

Certification Type: Model Rocket

## STATIC TEST DATA

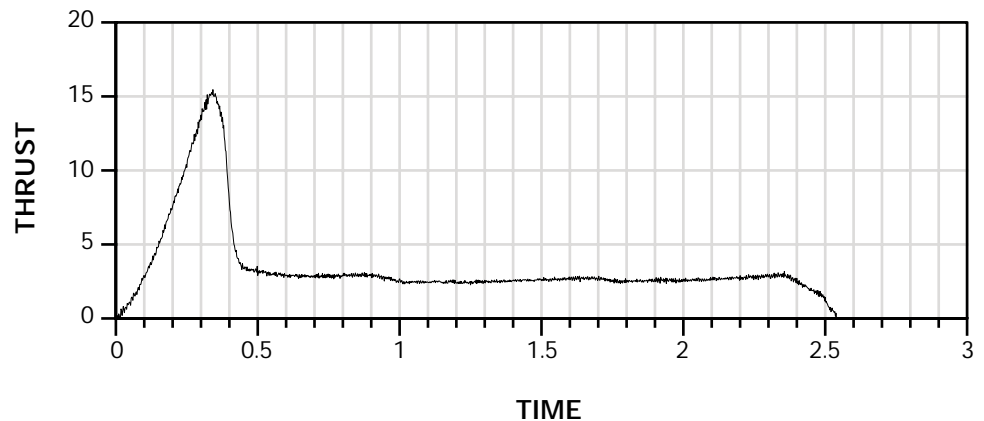
Date Tested: 07-August-11

Total Impulse: 8.76 newton-seconds ( $\sigma$  0.14)  
Peak Thrust: 15.46 newtons ( $\sigma$  0.69)  
Burn Time: 2.54 seconds ( $\sigma$  0.05)  
Average Thrust: 3.45 newtons

Mass After Firing: 8.8 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
3	3.12	24.3 g	
5	4.56	25.6 g	

## TYPICAL THRUST-TIME CURVE



## REMARKS

These motors can be distinguished from previous motors of the same designation by "Made in China" on the label

