

PML F50

CERTIFIED VALUES

Total Impulse: 80 newton-seconds
Delays: 6 seconds

Propellant Type: Composite
Propellant Mass: 37.9 grams

Casing Dimensions: 29 mm x 98 mm

Certification Date: 00-October-12
Contest Use Date: 00-December-11

Certification Type: Model Rocket

STATIC TEST DATA

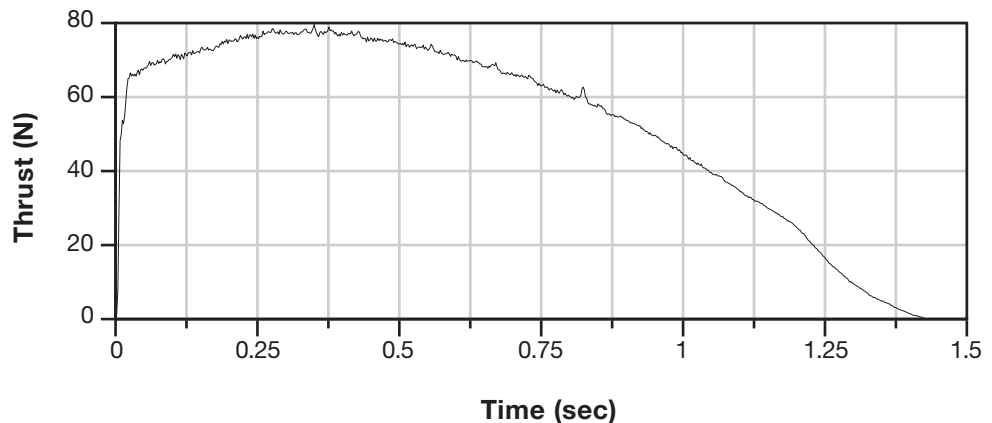
Date Tested: 95-September-3

Total Impulse: 76.83 newton-seconds (σ 0.47)
Peak Thrust: 79.59 newtons (σ 8.26)
Burn Time: 1.43 seconds (σ 0.10)
Average Thrust: 53.73 newtons

Mass After Firing: 38.4 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
6	6.05	83.9 g	567 g

TYPICAL THRUST-TIME CURVE



REMARKS

Aerotech motor relabeled by Public Missiles Ltd.