

PML G40

CERTIFIED VALUES

Total Impulse: 120 newton-seconds
Delays: 4, 7 seconds

Propellant Type: Composite
Propellant Mass: 62.4 grams

Casing Dimensions: 29 mm x 124 mm

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

Certification Type: Model Rocket

STATIC TEST DATA

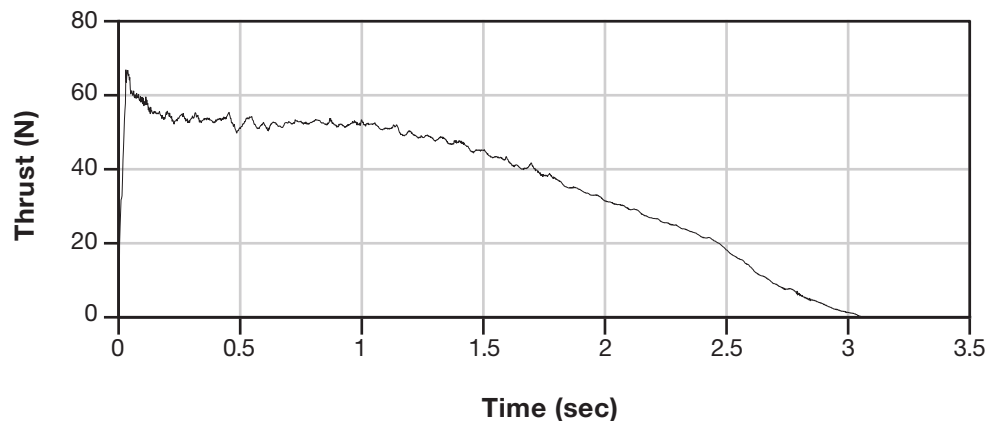
Date Tested: 95-September-2

Total Impulse: 113.74 newton-seconds (σ 1.52)
Peak Thrust: 66.85 newtons (σ 6.81)
Burn Time: 3.06 seconds (σ 0.07)
Average Thrust: 37.17 newtons

Mass After Firing: 46.0 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
4	3.48	114.0 g	1020 g
7	7.97	115.0 g	680 g

TYPICAL THRUST-TIME CURVE



REMARKS

Aerotech motor relabeled by Public Missiles Ltd.