

PML G80

CERTIFIED VALUES

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

Propellant Type: Composite
Propellant Mass: 57.4 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

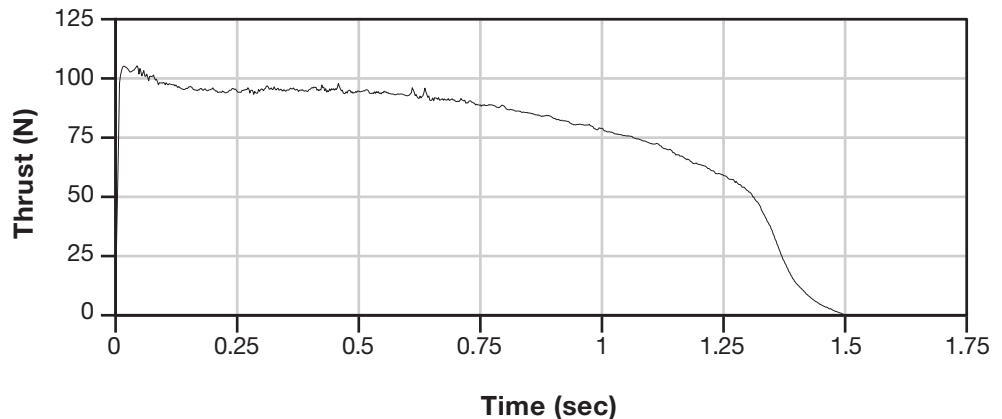
Date Tested: 95-September-2

Total Impulse: 116.25 newton-seconds (σ 2.15)
Peak Thrust: 105.18 newtons (σ 4.01)
Burn Time: 1.50 seconds (σ 0.04)
Average Thrust: 77.50 newtons

Mass After Firing: 43.5 grams

Delay Time	Average Measured Delay	Initial Mass	Mfg Recommended Max Liftoff Weight
4	4.15	104.9 g	1474 g
7	7.13	106.6 g	907 g

TYPICAL THRUST-TIME CURVE



REMARKS

Aerotech motor relabeled by Public Missiles Ltd.