

Client: R AND D SERVICES, INC

Date: 4-2-2008

Project Number: 3148357SAT-001

Test Number: 1

Operator: TA/AM

Specimen ID: "INNOVATIVE ENERGY, LOWELL,IN / ASTRO SHIELD II (LOW E): MPET/B/  
B/MPET". THE TEST WAS WITNESSED BY RON GRAVES FROM R & D  
SERVICES, INC. THE SPECIMEN WAS SUPPORTED BY ALUMINUM  
FRAMES.

## TEST RESULTS

FLAMESPREAD 0

SMOKE DEVELOPED INDEX: 15

## SPECIMEN DATA . . .

Time to Ignition (sec): 11

Time to Max FS (sec): 0

Maximum FS (feet): 0.0

Time to 980 F (sec): Never Reached

Time to End of Tunnel (sec): Never Reached

Max Temperature (F): 588

Time to Max Temperature (sec): 548

Total Fuel Burned (cubic feet): 50.11

FS\*Time Area (ft\*min): 0.0

Smoke Area (%A\*min): 20.5

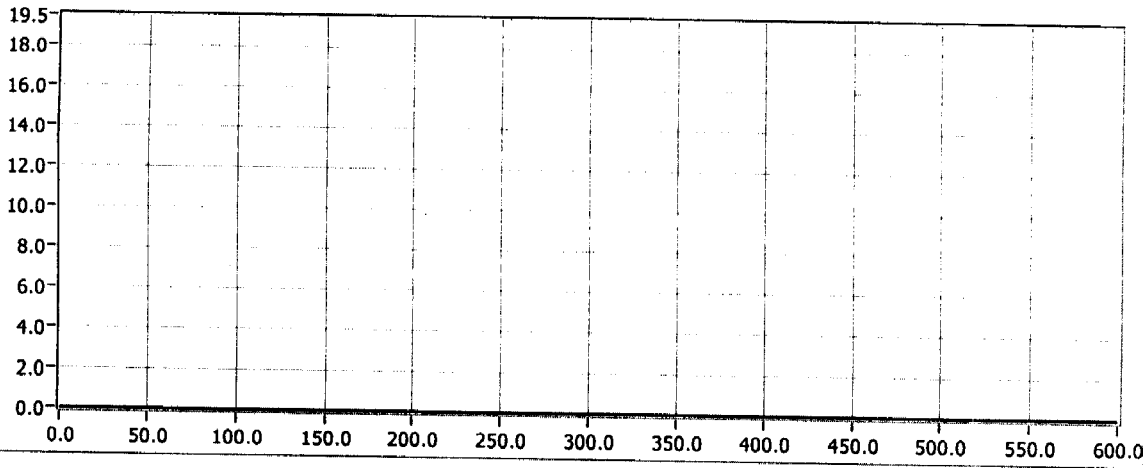
Unrounded FSI: 0.0

## CALIBRATION DATA . . .

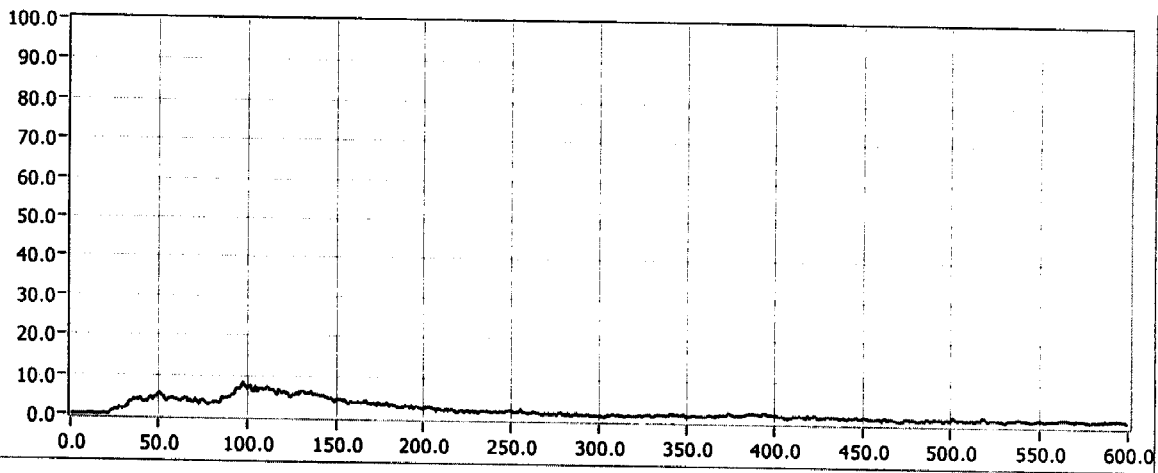
Time to Ignition of Last Red Oak (Sec): 33.0

Red Oak Smoke Area (%A\*min): 121.4

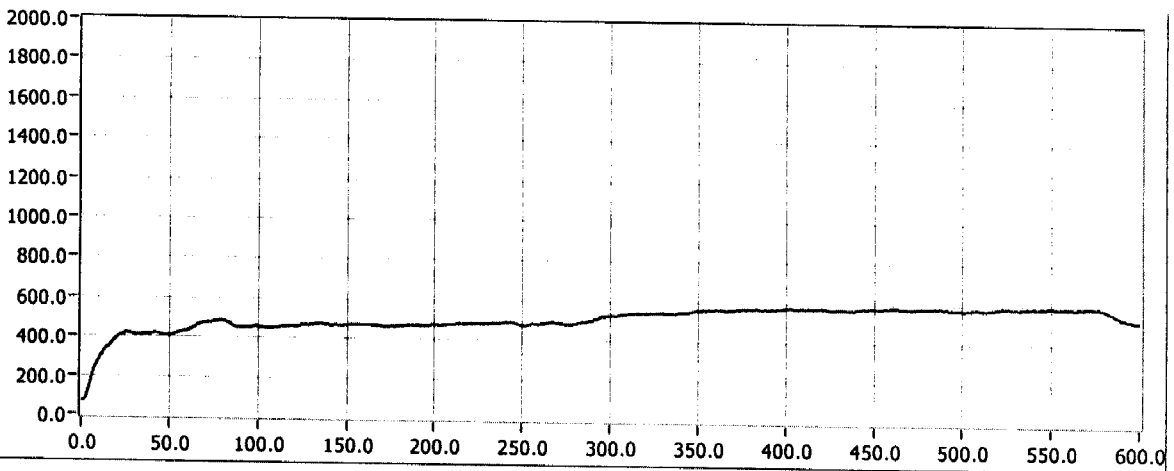
### FLAME SPREAD (ft)



### Smoke (%A)



### Temperature (°F)



Time (sec)

600