

INTERTEK TESTING SERVICES NA, INC.

ASTM EXT. E84 DATASHEETS

Client: Flame DXX, LLC.
Date: 11/1/2006
Test Number: 1
Project Number: 3108283SAT-001
Operator: EH/EA

Specimen ID:

"Fire Retardant Treated Wood, only 1 species at this time at one FR concentration/coating". The specimen was self-supporting. The samples were witnessed in production on September 9, 2006 by Intertek Engineer Matt Lansdowne.

TEST RESULTS:

FLAME SPREAD INDEX:	20
SMOKE DEVELOPED INDEX :	55
Maximum Flame Spread From Centerline of the burners (ft.):	8.7

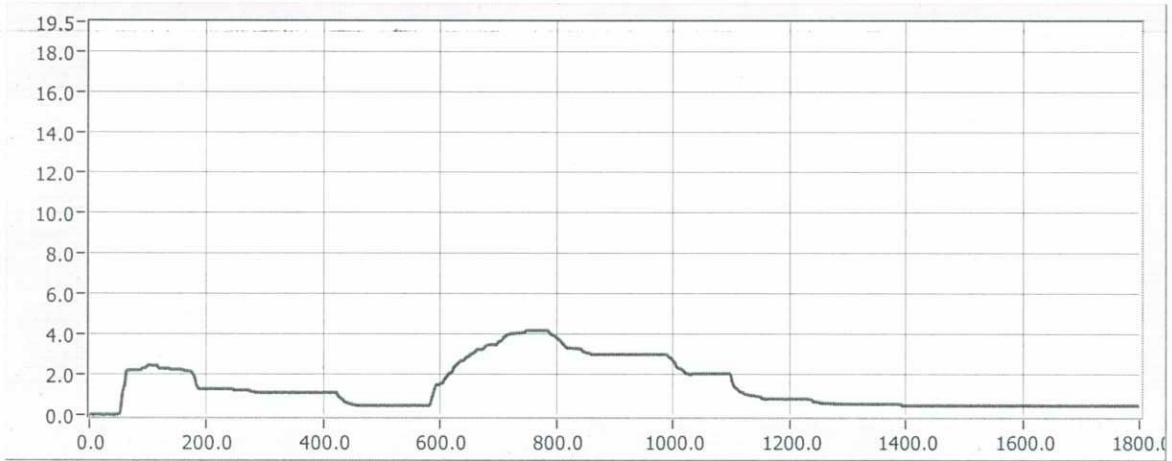
SPECIMEN DATA

Time to Ignition	=	37 (sec)
Time to Max FS	=	748 (sec)
Maximum FS	=	4.2 (feet)
Time to 980 °F	=	Never Reached (sec)
Time to Max Temp	=	664 (°F)
Time to Max Temperature	=	1603 (sec)
Total Fuel Burned	=	153.33 (cubic feet)
FS*Time Area	=	38.3 (ft*min)
Smoke Area	=	41.6 (%A*min)
Unrounded F.S.I.	=	20.4

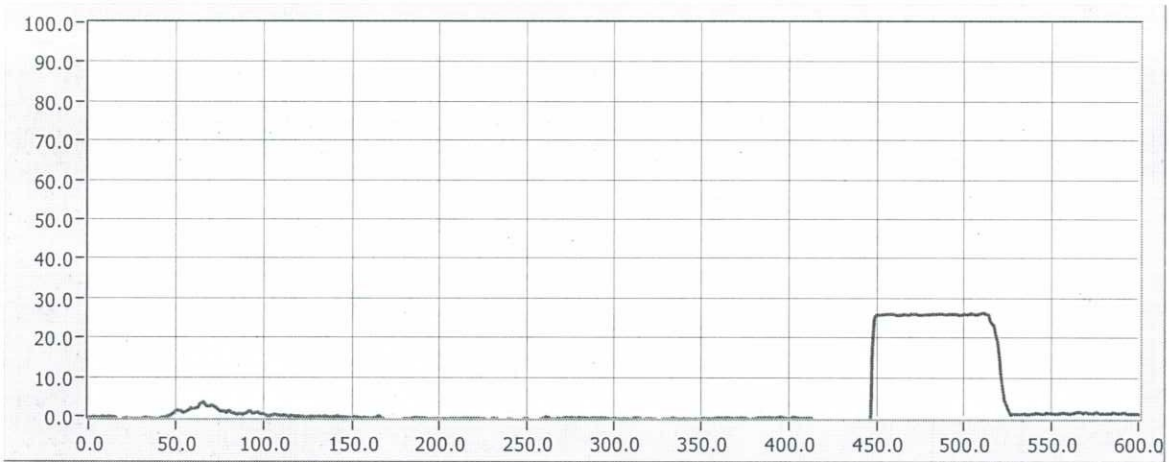
CALIBRATION DATA...

Time to Ignition of Last Red Oak	=	00:46 (min:sec)
Red Oak Smoke Area	=	72.8 (%A*min)

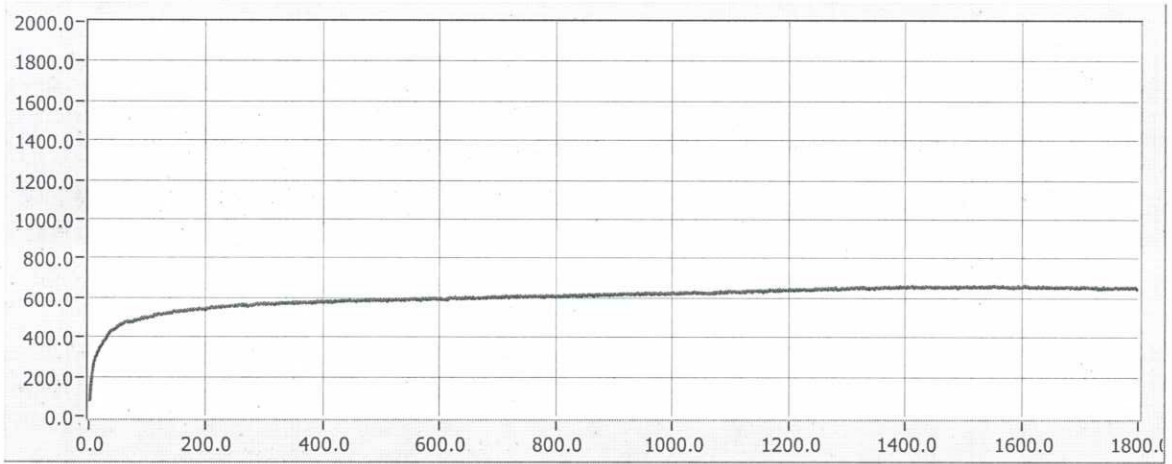
FLAME SPREAD (ft)



Smoke (%A)



Temperature (°F)



Time (sec)