

FLAME SPREAD:

IGNITION: 20 seconds

FLAME FRONT: 5 feet maximum

TIME TO MAXIMUM SPREAD: 1 minute. 16 seconds

TEST DURATION: 10 minutes

CALCULATION: $45.98 \times 0.515 = 23.68$

SUMMARY: FLAME SPREAD: 25 SMOKE DENSITY: 50

OBSERVATIONS: Sample surface ignition was observed at 20 seconds. A flame front advance of 5 feet was observed at 1 minute, 16 seconds.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

NFPA CLASS		UBC CLASS		FLAME SPREAD		SMOKE DENSITY
A		I		0 through 25		Up to 450
B		II		26 through 75		Up to 450
C		III		76 through 200		Up to 450