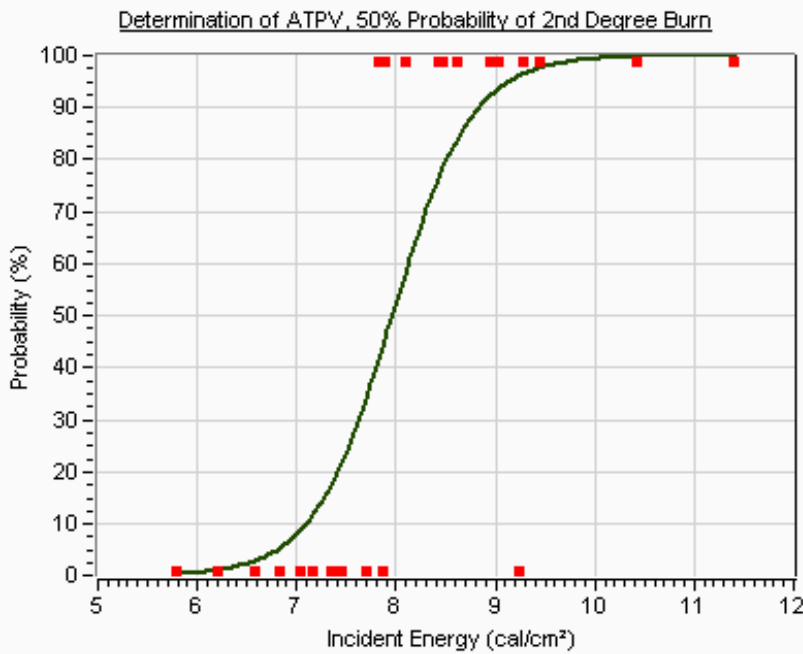


ASTM F 1959/F 1959M-06
Standard Test Method for Determining The Arc Rating Of Materials for Clothing



Client: Westex, Inc.
2845 W. 48th Place
Chicago, IL 60632

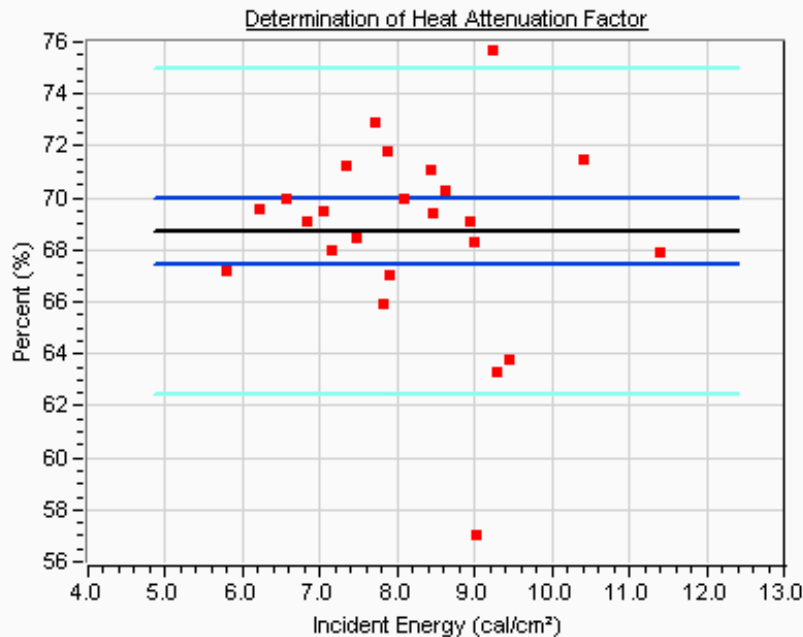
Fabric Description: 7.0 oz/yd² Style 20 Indura Work, Navy



ATPV = 8.0 cal/cm²

Probability of Burn	Ei
5%	6.8
10%	7.1
20%	7.4
30%	7.6
40%	7.8
50%	8.0
60%	8.1
70%	8.3
80%	8.5
90%	8.8

Pts = 24
 # Pts above Stoll = 13
 # Pts Break-Open = 0
 # Pts always >STOLL = 4
 # Pts always <STOLL = 9
 # Pts within 20% = 20
 # Pts in mix zone = 11



HAF = 68.7 %
 Confidence Intervals
 95% CI = 67.4 , 70.0

Data pts

Best Fit

95% CI

95% CI pts

ASTM F1959/F1959M-06
Standard Test Method for Determining The Arc Rating Of Materials for



Client: Westex, Inc.
2845 W. 48th Place
Chicago, IL 60632

Fabric Description: 7.0 oz/yd² Style 20 Indura Work, Navy

Test #	Panel	Cycles # (60Hz)	Ei cal/cm ²	SCD cal/cm ²	HAF %	Burn yes/no	Break Open Y/N	After Flame sec.	Omit Y/N	Comment	Ignition T-shirt
1	09-636	A	12.1	9.44	1.39	63.8	Yes	-	-	No	
2	09-636	B	12.1	11.39	1.75	67.9	Yes	-	-	No	
3	09-636	C	12.1	9.03	1.81	57.0	Yes	-	-	No	
4	09-637	A	10.1	7.83	0.34	65.9	Yes	-	-	No	
5	09-637	B	10.1	10.42	0.71	71.5	Yes	-	-	No	
6	09-637	C	10.1	8.61	0.20	70.3	Yes	-	-	No	
7	09-638	A	8.1	7.71	-0.31	72.9	No	-	-	No	
8	09-638	B	8.1	7.35	-0.32	71.2	No	-	-	No	
9	09-638	C	8.1	6.83	-0.22	69.1	No	-	-	No	
10	09-639	A	7.1	6.21	-0.39	69.6	No	-	-	No	
11	09-639	B	7.1	7.04	-0.24	69.5	No	-	-	No	
12	09-639	C	7.1	5.79	-0.35	67.2	No	-	-	No	
13	09-640	A	9.1	8.46	0.23	69.4	Yes	-	-	No	
14	09-640	B	9.1	6.57	-0.37	70.0	No	-	-	No	
15	09-640	C	9.1	7.16	-0.13	68.0	No	-	-	No	
16	09-641	A	10.1	8.95	0.46	69.1	Yes	-	-	No	
17	09-641	B	10.1	8.09	0.03	70.0	Yes	-	-	No	
18	09-641	C	10.1	7.87	-0.11	71.8	No	-	-	No	
19	09-642	A	10.1	9.00	0.56	68.3	Yes	-	-	No	
20	09-642	B	10.1	7.46	-0.08	68.5	No	-	-	No	
21	09-642	C	10.1	9.28	1.16	63.3	Yes	-	-	No	
22	09-643	A	10.6	9.23	-0.12	75.7	No	-	-	No	
23	09-643	B	10.6	8.42	0.03	71.1	Yes	-	-	No	
24	09-643	C	10.6	7.89	0.22	67.0	Yes	-	-	No	
25											
26											
27											
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