


LEALEA GROUP TECHNOLOGY RESEARCH CENTER  
TEST REPORT

Test Item	Temperature Rise		Test Date	June 30th , 2008	
Name of Products	U3550 Cool Best II Fabric		Test Number	970615	
Material	PET		Instrument	500W Halogen Lamp	
Weight of Unit Area	82.1 g/m2		Room Temp. / Humidity	25±1°C / 60±5%	
No. of Halogen Lamp	NO.1	NO.1	No. of Halogen Lamp	NO.1	NO.1
Thermometer	NO.1	NO.2	Thermometer	NO.1	NO.2
LOT	U3550	Blank	LOT	U3550	Blank
Construction of Fabric	Blue	Blue	Construction of Fabric	Blue	Blue
Time ( min )	Temperature °C		Time ( min )	Temperature °C	
0	25.0	25.0	48	38.07	39.43
3	32.4	32.39	51	38.19	39.45
6	34.02	34.53	54	38.27	39.66
9	34.96	35.67	57	38.47	39.71
12	35.75	36.77	60	38.71	39.92
15	36.47	37.47	62	35.8	36.4
18	36.79	37.95	64	34.0	34.3
21	37.06	38.23	66	32.9	33.1
24	37.26	38.47	68	31.1	31.4
27	37.37	38.43	70	29.1	29.3
30	37.49	38.75			
33	37.6	38.91			
36	37.63	38.78			
39	37.64	38.88			
42	37.85	39.11			
45	37.87	39.21	Temperature Rise	$\Delta T1 = 13.0^{\circ}\text{C}$	$\Delta T2 = 14.3^{\circ}\text{C}$
Test Diagram	As attached document		$\Delta T$	$\Delta T = \Delta T1 - \Delta T2 = -1.3^{\circ}\text{C}$	
Determination					
INSPECTION STAMP					
Manager			Experimenter	Nige Cheng	

### U3550 Temperature Rising Curve of Cool Best II Fabric

