



January 05, 2022
Mrs Flora

[REDACTED]

Subject:

[REDACTED]

Dear Mrs Flora,

[REDACTED]

Class C. A copy of the test data has been included at the end of this report.

UL Commercial Test Services did not select the samples, determine whether the samples were representative of production samples, witness the production of the test samples, or were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results apply only to the actual samples tested.

The issuance of this report in no way implies Listing, Classification or Recognition by

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This letter will serve to report that all tests on the subject product have been completed.

[REDACTED]



Sincerely,

Alicia Richardson
Senior Laboratory Technician

Reviewed by:

Michael Seward
Laboratory Manager



Assessment Summary:

Requirements	Compliant	Non-Compliant
6 Instruction and Marking	Excluded	
7 Performance Requirements		
7.1 Requirements for Type I and Type II Helmets		
7.1.1 Flammability	X	
7.1.2 Force Transmission	X	
7.1.3 Apex Penetration	X	
7.3 Requirements for Optional Testing		
7.3.1 Reverse Wearing		
-Force Transmission	Not Applicable	
7.3.2 High-Visibility		
7.3.3 Higher Temperature		
7.3.4 Lower Temperature		

Samples as assessed **do** meet the mechanical performance requirements of

Results:

7.1.1 Flammability

Sample ID	Afterflame (sec)	Pass	Fail
3A-12	0	X	
Specification:	≤5		



7.1.2 Force Transmission

Sample ID	Conditioning (°C)	Velocity (m/s)	Force (N)	Specified Value (N)	Observations	Pass	Fail
3A-1	49 ± 2	5.52	2532	≤ 4450	-	X	
3A-2		5.53	2714		-	X	
3A-3		5.52	2792		-	X	
3A-4		5.52	2801		-	X	
3A-5		5.53	2659		-	X	
3A-6		5.52	2762		-	X	
3A-7		5.53	3041		-	X	
3A-8		5.51	2432		-	X	
3A-9		5.52	2852		-	X	
3A-10		5.52	2836		-	X	
3A-11		5.53	3076		-	X	
3A-12		5.52	3129		-	X	
Average			2802	≤ 3780		X	
3A-13	18 ± 2	5.52	2788	≤ 4450	1	X	
3A-14		5.51	2860		1	X	
3A-15		5.52	3153		1	X	
3A-16		5.52	3328		1	X	
3A-17		5.53	2645		1	X	
3A-18		5.52	3059		1	X	
3A-19		5.59	2744		1	X	
3A-20		5.53	3323		1	X	
3A-21		5.54	3624		1	X	
3A-22		5.52	3231		1	X	
3A-23		5.53	3201		1	X	
3A-24		5.51	3530		-	X	
Average			3124	≤ 3780		X	
Specification:		5.50 ± 0.05					

Observations:

(-) No observation

(1) Middle Strap Broke



7.1.3 Apex Penetration

Sample ID	Conditioning (°C)	Velocity (m/s)		Observations	Pass	Fail
3A-25	49 ± 2	7.0		-	X	
3A-26		7.1		-	X	
3A-27		7.0		-	X	
3A-28	-18 ± 2	7.0		-	X	
3A-29		7.1		-	X	
3A-30		7.1		-	X	
Specifications:		7.0 ± 0.1				

Observations:
(-) No observation



Sample Photographs:





Observation Photograph:



Middle strap broke