

**VEHICLE EQUIPMENT SAFETY COMMISSION (VESC)  
 REGULATION V-3  
 MINIMUM REQUIREMENTS AND UNIFORM TEST PROCEDURES  
 FOR MOTOR VEHICLE BRAKE LININGS  
 BRAKE LINING TEST REPORT**

Manufacturer: Xtender Automotive Corp      Distributor: International Motor Products, Inc.  
 CHINA      USA

Identification Markings:      XBP 2710-FF

**SUMMARY OF RESULTS FROM DATA SHEET**

**Normal Friction Coefficient** = Average of "N" values      0.352  
 (Shall be over 0.25)      Class F

**Hot Friction Coefficient** = Average of "H" values      0.352  
 (Shall be over 0.15)      Class F

<u>Class Code</u>	<u>Coefficient of Friction</u>
C	Not Over 0.15
D	Over 0.15 But Not Over 0.25
E	Over 0.25 But Not Over 0.35
F	Over 0.35 But Not Over 0.45
G	Over 0.45 But Not Over 0.55
H	Over 0.55

Lowest Coefficient for readings marked (\*) (Shall not be less than 0.15)      0.28

Maximum absolute variation below average for readings marked (\*)      0.026  
 (Shall not exceed 0.050 unless percentage variation is 20% or less)

Maximum percentage variation for readings marked (\*) exceeding 0.050 below average      None

I certify that the above results were obtained on tests conducted in accordance with Vehicle Equipment Safety Commission Regulation V-3 on a five sample lot from the linings submitted by the manufacturer as being representative of those regularly manufactured and marketed by him.

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Date: 29 June 2017

Signature: \_\_\_\_\_ Greening Testing Laboratories, Inc.

**Greening Testing Laboratories, Inc.**

19465 Mt. Elliott Avenue  
 Detroit, MI USA 48234-2742  
 Phone: +1 313 366 7160 • Fax: +1 313 366 5415

Email: [info@greeninginc.com](mailto:info@greeninginc.com) • Web: [www.greeninginc.com](http://www.greeninginc.com)



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**VEHICLE EQUIPMENT SAFETY COMMISSION (VESC)  
REGULATION V-3  
DATA SHEET**

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Test No. Test Date	FRICITION COEFFICIENT ( $\mu$ )					Average	Maximum Variation Below Average
	M22-566-07 04 Jun 17	M22-566-08 05 Jun 17	M22-570-20 28 Jun 17	M22-570-21 29 Jun 17	M22-570-22 29 Jun 17		
Appl. No.	<b>First Baseline Run</b>						
1	0.22	0.23	0.24	0.22	0.24	0.230	
20	0.23	0.21	0.30	0.23	0.25	0.244	
Temp (°F)	<b>First Fade Run</b>						
200	0.24	0.21	0.30	0.22	0.25	0.244	
550	0.30	0.28	0.28	0.29	0.26	0.282	
Min at 550°F °F at 10 min	5.2 --	5.5 --	5.4 --	5.5 --	5.6 --		
Temp. (°F)	<b>First Recovery Run</b>						
500	0.34	0.31	0.33	0.30	0.30	0.316	
400	0.40	0.35	0.36	0.33	0.32	H 0.352	
300	0.39	0.34	0.36	0.33	0.31	H 0.346	
200	0.30	0.28	0.31	0.30	0.29	0.296	
Appl. No.	<b>Wear Run</b>						
1	0.34	0.28	0.39	0.36	0.33	0.340	
100	0.37	0.36	0.36	0.34	0.34	0.354	
Temp. (°F)	<b>Second Fade Run</b>						
200	* 0.30	* 0.30	* 0.29	* 0.30	* 0.28	N 0.294	0.014
250	* 0.32	* 0.33	* 0.36	* 0.35	* 0.32	N 0.336	0.016
300	* 0.37	* 0.38	* 0.38	* 0.36	* 0.35	N 0.368	0.018
400	* 0.41	* 0.41	* 0.39	* 0.42	* 0.41	N 0.408	0.018
450	* 0.40	* 0.41	* 0.38	* 0.39	* 0.40	H 0.396	0.016
500	* 0.38	* 0.39	* 0.36	* 0.37	* 0.38	H 0.376	0.016
550	* 0.36	* 0.35	* 0.33	* 0.35	* 0.35	H 0.348	0.018
600	0.34	0.33	0.32	0.32	0.32	H 0.326	
650	0.30	0.30	0.30	0.28	0.28	H 0.292	
Min at 650°F °F at 10 min	7.0 --	7.9 --	7.5 --	7.7 --	7.4 --		
Temp. (°F)	<b>Second Recovery Run</b>						
600	0.35	0.35	0.36	0.35	0.34	0.350	
500	0.37	0.37	0.38	0.38	0.36	H 0.372	
400	0.38	0.37	0.39	0.38	0.36	H 0.376	
300	* 0.35	* 0.31	* 0.36	* 0.34	* 0.32	H 0.336	0.026
200	* 0.30	* 0.28	* 0.30	* 0.30	* 0.29	0.294	0.014
Appl. No.	<b>Second Baseline Run</b>						
1	0.31	0.28	0.31	0.31	0.30	0.302	
20	0.28	0.28	0.32	0.29	0.29	0.292	

## VEHICLE EQUIPMENT SAFETY COMMISSION (VESC) REGULATION V-3 AVERAGE DATA GRAPH

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