

The Original Records of Performance Test for Friction Material

Sample Name	Braking Linings for Automobiles			Sample No.	9.1	Model	Bus
Pressing	0.98MPa	Duality	HT250/HB209	Room Temp	37.3℃	Equipment	11
Test	Performance	Standard	GB5763-2008	Company	ZJNAC AUTO		

Plate Temp ℃	COF (u)		Thick-ness Mean Difference	Wear Rate	Thickness of Left Specimen (mm)					Thickness of Right Specimen (mm)					Friction(N)	
	Heating	Cooling			1	2	3	4	5	1	2	3	4	5	Average (Overall)	Average (Second Half)
100	0.36	0.37	15	0.09	7.12	7.11	7.08	7.10	7.08	7.10	7.14	7.15	7.11	7.12	446	436
					7.11	7.09	7.06	7.08	7.06	7.08	7.13	7.14	7.10	7.11		
					0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01		
150	0.39	0.39	15	0.09	7.11	7.09	7.06	7.08	7.06	7.08	7.13	7.14	7.10	7.11	449	474
					7.10	7.06	7.03	7.07	7.05	7.07	7.12	7.13	7.09	7.09		
					0.01	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.02		
200	0.38	0.39	24	0.14	7.10	7.06	7.03	7.07	7.05	7.07	7.12	7.13	7.09	7.09	443	469
					7.09	7.04	6.99	7.05	7.02	7.05	7.09	7.10	7.07	7.07		
					0.01	0.02	0.04	0.02	0.03	0.02	0.03	0.03	0.02	0.02		
250	0.37	0.45	15	0.09	7.09	7.04	6.99	7.05	7.02	7.05	7.09	7.10	7.07	7.07	430	458
					7.07	7.02	6.98	7.04	7.00	7.04	7.07	7.09	7.06	7.05		
					0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.02		
300	0.39	0.38	15	0.09	7.07	7.02	6.98	7.04	7.00	7.04	7.07	7.09	7.06	7.05	448	476
					7.07	7.00	6.96	7.04	6.99	7.03	7.04	7.06	7.05	7.03		
					0.00	0.02	0.02	0.00	0.01	0.01	0.03	0.03	0.01	0.02		
350	0.42		25	0.14	7.07	7.00	6.96	7.04	6.99	7.03	7.04	7.06	7.05	7.03	467	509
					7.05	6.97	6.93	7.01	6.97	7.02	7.00	7.02	7.04	7.01		
					0.02	0.03	0.03	0.03	0.02	0.01	0.04	0.04	0.01	0.02		

Unit: Mean Difference of Specimen Thickness ( $10^{-3}$  mm)  
 Wear Rate ( $10^{-7}$  cm<sup>3</sup>/N.m)  
 0.7070

R  
e  
c  
o  
r  
d

Test Members:

Test Date : 2010-9-1

Inspector:

The Original Records of Performance Test for Friction Material(Curve)

Sample No.	9.1	Test	Performance	COF	Blue	Temp Curve	Red
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