

ISO28580規格試験基準タイヤの測定例

ID	計算結果			試験計測					スキムテスト計測				
	転がり抵抗	転がり抵抗 (補正後)	転がり抵抗係数	タイヤ軸力 Fx	荷重 Fz	軸高さ	雰囲気温度	ドラム速度	タイヤ軸力 Fx	荷重 Fz	軸高さ	ドラム速度	寄生損失
	[N]	[N]	[N/kN]	[N]	[kN]	[mm]	[°C]	[km/h]	[N]	[kN]	[mm]	[km/h]	[N]
1/正転	27.38	27.41	6.02	25.05	4.550	298.3	25.1	80.0	3.89	0.100	322.6	80.0	5.15
1/逆転	26.80	26.86	5.90	25.99	4.550	298.3	25.3	80.0	5.25	0.100	322.6	80.0	6.94
2/正転	27.34	27.40	6.02	24.98	4.550	298.2	25.3	80.0	3.85	0.100	322.6	80.0	5.09
2/逆転	26.95	27.01	5.94	25.94	4.550	298.2	25.3	80.0	5.08	0.100	322.6	80.0	6.72
3/正転	27.39	27.43	6.03	24.74	4.550	298.3	25.2	80.0	3.57	0.100	322.6	80.0	4.73
3/逆転	26.73	26.77	5.88	26.09	4.550	298.2	25.2	80.0	5.40	0.100	322.6	80.0	7.14

転がり抵抗係数 / 繰り返し精度

ID	1	2	3	Avg	σ
正転	6.02	6.02	6.03	6.02	0.004
逆転	5.90	5.94	5.88	5.91	0.027
平均	5.96	5.98	5.96	5.97	0.012

Sample of test data for ISO28580

ID	Calculation result			Test measurement					Skim test reading				
	Rolling Resistance R/R	R/R (After correction)	R/R coefficient	Tire axial force Fx	Load Fz	Shaft height	Atmospheric temperature	Drum speed	Tire axial force Fx	Load Fz	Shaft height	Drum speed	Parasitic loss
	[N]	[N]	[N/kN]	[N]	[kN]	[mm]	[°C]	[km/h]	[N]	[kN]	[mm]	[km/h]	[N]
1/Forward rotation	27.38	27.41	6.02	25.05	4.550	298.3	25.1	80.0	3.89	0.100	322.6	80.0	5.15
1/Reversal rotation	26.80	26.86	5.90	25.99	4.550	298.3	25.3	80.0	5.25	0.100	322.6	80.0	6.94
2/Forward rotation	27.34	27.40	6.02	24.98	4.550	298.2	25.3	80.0	3.85	0.100	322.6	80.0	5.09
2/Reversal rotation	26.95	27.01	5.94	25.94	4.550	298.2	25.3	80.0	5.08	0.100	322.6	80.0	6.72
3/Forward rotation	27.39	27.43	6.03	24.74	4.550	298.3	25.2	80.0	3.57	0.100	322.6	80.0	4.73
3/Reversal rotation	26.73	26.77	5.88	26.09	4.550	298.2	25.2	80.0	5.40	0.100	322.6	80.0	7.14

Rolling resistance / Repeatability

ID	1	2	3	Avg	σ
Forward rotation	6.02	6.02	6.03	6.02	0.004
Reversal rotation	5.90	5.94	5.88	5.91	0.027
Average	5.96	5.98	5.96	5.97	0.012