



TEST ITEM	TEST METHOD	REQUIREMENT	TEST RESULT	VERDICT
SIZE	ASTM F2055-10	Length: 1219.2±2.36mm Width:183±0.30mm	Length: 1219.2mm Width:183mm	PASS
THICKNESS	ASTM F386-11	5.5±0.26mm	Average:5.5mm Min:5.4mm Max:5.6mm	PASS
SQUARENESS	ASTM F2055-10	≤0.25mm	Deviation range: 0.03mm~+0.09mm	PASS
RESIDUAL INDENTATION	ASTM F1914-07	Average value: ≤8% Maximum value: ≤10%	Average:0.6% Min:0.4% Max:0.65%	PASS
DIMENSION STABILITY	ASTM F2199-09	≤0.51mm/305mm	Length Direction:-0.04% Width Direction:-0.02%	PASS
RESISTANCE TO CHEMICALS	ASTM 925-13	No more than a slight change in surface dulling, surface attack or staining	Rating 0: No change	PASS
RESISTANCE TO HEAT	ASTM F1514-03	Average ΔE*ab ≤ 8.0	Average ΔE*ab: 0.66	PASS
RESISTANCE TO LIGHT	ASTM F1515-15	Average ΔE*ab ≤ 8.0	Average ΔE*ab: 1.7	PASS

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THICKNESS OF WEAR LAYER	ASTM F410-08	0.43-0.47mm
TENSILE STRENGTH	ASTM D638-2010	256N
ABRASION RESISTANCE	ASTM D4060-14	Weight loss: 108mg Abrasion index: 21.6 (1000-mg/cycle)
PEEL STRENGTH	ASTM D903-98	57.86N
INDENTATION	ASTM F1914-07	0.40%
DENSITY	ASTM D6111-13a	2000kg/m ³
SPECULAR GLOSS	ASTM D523-14	11-13
STATIC COEFFICIENT OF FRICTION	ASTM C1028-07	Dry condition: 0.94 Wet condition: 0.68
CASTOR CHAIR RESISTANCE	NALFA/ANSI LF-11	No visible damage after 25000 revolutions
STATIC LOAD	ASTM F970-17	Applied load:250lb Residual indetation: 0.08mm
INTERNAL BOND STRENGTH AND THICKNESS SWELL AFTER REPEATED WETTING	ASTM D7519-11	pass
RESISTANCE TO IMPACT	NALFA LF01-2011	DROP HEIGHT :1500MM ,OBSERVATION : NO CRACK