

Material:	6.5mm SPC + 1.5mm IXPE (0.55mm Wear layer)
Dimensions:	228 x 1800mm 4pcs/box, 1.6416sqm/box, 48 boxes pallet
Weight per Box:	23.75kg
Weight per Pallet:	1140kg

TEST ITEM	TEST METHOD	REQUIREMENT	TEST RESULT	VERDICT
SIZE	ASTM F2055-10	Length: 1800±2.36mm Width: 228±0.30mm	Length: 1800mm Width: 228mm	PASS
THICKNESS	ASTM F386-11	8.0±0.26mm	Average: 8.1mm Min: 8.0mm Max: 8.2mm	PASS
SQUARENESS	ASTM F2055-10	≤ 0.25mm	Deviation range: 0.00mm~+0.06mm	PASS
RESIDUAL INDENTATION	ASTM F1914-07	Average value: ≤ 8% Maximum value: ≤ 10%	Average: 0.6% Min: 0.4% Max: 0.7%	PASS
DIMENSION STABILITY	ASTM F2199-09	≤ 0.51mm/305mm	Length Direction: -0.01% 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

TEST ITEM	TEST METHOD	TEST RESULT
THICKNESS OF WEAR LAYER	ASTM F410-08	0.5mm
ABRASION RESISTANCE	ASTM D4060-14	Weight loss: 108mg Abrasion index: 21.6 (1000mg/cycle)
PEEL STRENGTH	ASTM D903-98	0.34 kg/mm
STATIC COEFFICIENT OF FRICTION	ASTM C1028-07	Dry condition: 0.87 Wet condition: 0.79
CASTOR CHAIR RESISTANCE	NALFA/ANSI LF-11	No visible damage after 25000 revolutions
STATIC LOAD	ASTM F970-17	Applied load: 250lb Residual indentation: 0.13mm
RESISTANCE TO IMPACT	ASTM F1265-03a	≤ 5%