Taraflex® Badminton 7.0

		Standard	Requirement	Unit	Result	Tolerance
DESCRIPTION						
Surface treatment	-	-	-	-	Triple Action Protecsol®	
Surface complex	-	-	-	-	D-Max™	
Foam backing	-	-	-	-	Double density CXP™	
Anti-bacterial & Fungicidal treatment	-	-	-	-	Sanosol®	
Thickness	-	EN 428	-	mm	7	± 0.30
Weight	-	EN 430	-	kg/m²	4.6	± 0.30
Length	-	EN 426	-	lm	29 MAX	-0 / +0.20
Width	-	EN 426	-	lm	1.5	-0 / +0.01
SPORT PROPERTIES						
Shock absorption	CEN	EN 14808	≥ 25	%	32	±3
	DIN	DIN 18032	> 50	%	35	±3
Vertical deformation	CEN	EN 14809	≤ 3.5	mm	≤3.5	
	DIN	DIN 18032	≤ 3.5	mm	≤3.5	
Sliding coefficient	CEN	EN 13036-4	80-110	-	80-110	
	DIN	DIN 18032	0.4-0.6	-	0.4-0.6	
Energy return	Fr.	NF P 90 203	≥ 0.31	m/s	≥0.31	
Ball bounce	CEN	EN 12235	≥ 90	%	96	±1
	DIN	DIN 18032	≥ 90	%	98	±1
TECHNICAL CHARACTERISTICS						
Indentation resistance	CEN	EN 1516	≤ 0.5	mm	≤0.5	
Abrasion resistance	CEN	EN ISO 5470-1	≤ 1000	mg	≤350	
Impact resistance	CEN	EN 1517	≥ 8	N.m	≥8	
Rolling load resistance	CEN	EN 1569	≥ 1500	N	≥ 1500	
	DIN	DIN 18032	≥ 1000	N	≥ 1000	
Brightness	CEN	ISO 2813	≤ 30	%	≤30	
Sound Insulation	CEN	EN ISO 717/2	-	dB	18	
Chemical resistance	CEN	EN 423	-	-	Good	
CLASSIFICATION						
Fire	CEN	EN 13501-1	Cfl-s1	-	Cfl-s1	
Fire	ASTM	ASTM E 648	-		Class 1	
Thermal resistance	Fr.	NF X 10021/DIN 52612	≤ 0.15	m² °K/W	<0.15	
CE MARKING						
CE		EN 14904 : 2006	EN 13 501-1 / EN ISO 5470-1 32 / EN 14 808 / EN 13 036-4 / EN 1569			