TECHNICAL DATA

(If you need different specifications or characteristics, please contact us, relle team will serve you)

Description	Standard	Unit	Badminton Court(general)	Badminton Court(Training)	Badminton Court(Event)	Table Tennis court(general)	Table Tennis court(Training)	Table Tennis court(Event))	Multi-purpose venue	Volleyball court	Basketball court
Specification											
Total thickness	EN428	mm	4.5	5.0/5.5/7.2	5.0	4.5	5.0	5.5	5.0/7.0/9.0/12.0	8.0	4.5
Width of sheet	EN426	m	1.8	1.8	1.8	1.8	1.8	1.8	1.5/1.8	1.8	1.8
Lenghth of sheet	EN426	m	15	15	15	20	20	20	20/15/11	20	20
Sport characteristics											
Shock absorption	EN14808	%	20	25/28/35	32	20	25	32	35	35	35
Vertical change value	EN14809	mm	≤2	≤1.1	≤1.1	≤1.1	≤1.1	≤1.1	≤1.1	≤1.1	≤1.1
Energy return	EN14808	m/s	≥0.31	≥0.31	≥0.31	≥0.31	≥0.31	≥0.31	≥0.31	≥0.31	≥0.31
Sliding coefficient	EN13036-4	-	80-100	80-100	80-100	80-100	80-100	80-100	80-100	80-100	80-100
Ball bounce	EN12235	%	≥90	≥90	≥90	≥90	≥90	≥90	≥90	≥90	≥90
Technical											
Wear resistance	ENISO 5470-1	mg	≤350	≤350	≤350	≤350	≤350	≤350	≤350	≤350	≤350
Fire resistance	EN1571	N/m	≥8	≥8	≥8	≥8	≥8	≥8	≥8	≥8	≥8
Residual Indentation	EN1576	mm	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Surface treatment	-	-	-	glaze	glaze	-	PUR	glaze	glaze	glaze	glaze
Anti bacterial rate	ISO22196	%	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%
Fire resistance	GB 8624-2012	-	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)	B1 (B-S1,t0)
PVOC Emissions after 14 days	ISO1600-6	ug/m3	<100	<100	< 100	<100	<100	<100	<100	<100	<100
Harmful substances content	G8 18586-2001	-	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified