

PROPERTIES

ECO-DECK

(RECYCLED PE COMPOUND BOARD WITH VIRGIN TPE ANTISLIP TOPLAYER)

PROPERTIES	TEST METHOD	PE BOARD VALUE	TOP LAYER VALUE
E-modulus (N/mm ²)	DIN 53457	700	150
Tensile strength (N/mm ²)	DIN 53455	20	10
Elongation at break (%)	DIN 53455	50	300
Impact strength, Charpy unnotched 23° (kJ/m ²)	DIN 53453	no break	no break
Coefficient of friction Dry	NEN 7909	0,2	0,56
Hardness (Shore)	DIN 53505	55 Sh.D	75 Sh.A
Density (kg/m ³)	DIN 53479	950	950
Absorption of moisture (%)	DIN 53495	< 0,03	< 0,03
Fire test	DIN 4102	B2	B2
Softening temperature, vicat A/50 (10N) (°C)	DIN 53460	115	80
Min./max. service temperature (°C)	-	-10 up to 70	-10 up to 70
Linear expansion (mm/m/10°C)	DIN 53752	2	2
Coefficient of heat conductivity (W/m.K)	DIN 52612	0,36	0,36
Breakdown voltage (kV/mm)	DIN 53481	> 60	> 60
Volume resistance (Ohm)	DIN 53482	> 10 ¹³	> 10 ¹³
Diëlectric constant value	DIN 53483	2,4	2,25

Note: The data in this table is for informational purposes only, Playcom Supplies Ltd reserves the right to change this data at any time.