TECHNICAL DATA

SPORT IMPACT Thickness 10 mm

REV. 3 - 06/2020

TECHNICAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	VALUES FROM MANUFACTURING CONTROLS
Total thickness	EN ISO 24346	mm	9,85 ÷ 10,15	10,0
Thickness of wear layer	EN ISO 24340	mm	2.85 ÷ 3.15	3,0
Mass per unit area	EN ISO 23997	g/m²	-	14200
Rolls width	EN ISO 24341	cm	≥ nominal value	186
Rolls length	EN ISO 24341	m	≥ nominal value	9
Tiles dimension	EN ISO 24342	cm	nominal value ± 0,15 %	91,35x91,35
Hardness	ISO 7619-1	Shore A	≥ 75	80
Residual indentation (after static loading)	EN ISO 24343-1	mm	≤ 0,20	0,18
Flexibility (method A)	EN ISO 24344 method A	-	no fissuring	no fissuring
Dimensional stability	EN ISO 23999	%	≤ 0,4	in conformity
Abrasion resistance	ISO 4649 method A vertical load 5 N	mm³	≤ 250	in conformity
Colour fastness to artificial light	ISO 105 -B02 method 3	grade	blu scale ≥ 6 grey scale ≥ 3	in conformity
Effect of castor chair	EN 425	-	no surface change except dullness	suitable with wheels type W
Classification	EN ISO 10874	class	-	21-23/31-34/41-43
Fire classification	EN 13501-1	class	-	CLASS C_{fl} - s1 with or without adhesive
Dynamic coefficient of friction	EN 13893	-	≥ 0,3	in conformity
Electrostatic Charge	EN 1815	kV	< 2 (antistatic)	in conformity
Electrical resistance (R1)	EN 1081	Ohm	-	10^10
Thermal conductivity	EN 12667	W/mK	-	0,3
Thermal resistance	EN 12667	m²K/W	-	0,033
OPTIONAL PROPERTIES	**TEST METHODS**	**UNIT OF MEASURE**	**REQUIREMENTS**	**VALUES FROM MANUFACTURING CONTROLS**
Improvement in footfall sound absorption	ISO 10140-3/717-2	dB	-	16,6
Stain resistance	EN ISO 26987	-	-	no surface change (*)
Resistance to burning cigarette	EN 1399	class	method A ≥ 4 method B ≥ 3	method A ≥ 4 method B ≥ 3
Slip resistance	EN 13036-4	-	-	90
Shock absorption	EN 14808	%	-	12
Vertical deformation	EN 14809	mm	-	≤ 0,7
Vertical ball behaviour	EN 12235	%	-	≥ 98
Rolling load behaviour (1500 N)	EN 1569	mm	-	≤ 0,5 (no damage)
Resistance to wear	EN ISO 5470-1 (H18 wheels, 1 kg, 1000 cycles)	mg	-	300
Specular gloss	EN ISO 2813	%	-	≤ 30
Resistance to indentation	EN 1516	mm	-	0,1
Resistance to impact (mass 800 g; height 1 m)	EN 1517	mm	-	Absence of perceivable cracking, splitting, delamination; permanent indentation ≤ 0,5 mm

(*) when tested by means of detergents specifically used for rubber

Mondo keeps the right to modify the characteristics of the products in any moment