

TECHNICAL DATA issued in accordance with the EN 1817 standard

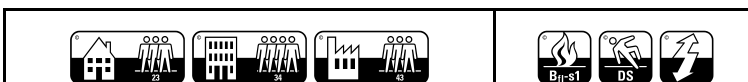
MONDOFLEX - thickness mm 2,5

REV. 00 - 12/2016

Rolls: height cm 190, maximum length 18 m. Weight: 3,75 kg/m<sup>2</sup>

EN 1817 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Overall thickness	ISO 24346	mm	2,35 ÷ 2,65	2,5
Thickness of wear layer	ISO 24340	mm	0,85 ÷ 1,15	1,0
Dimensional stability	ISO 23999	%	≤ 0,4	0,35
Flexibility (diameter of mandrel 20 mm)	ISO 24344 method A	-	no fissuring	no fissuring
Hardness	ISO 7619-1	Shore A	≥ 75	80
Residual indentation (after static loading)	ISO 24343-1	mm	≤ 0,20	0,1
Abrasion resistance	ISO 4649 method A 5 N vertical load	mm <sup>3</sup>	≤ 250	150
Colour fastness to artificial light	ISO 105-B02 method 3	degree	blue scale ≥ 6 grey scale ≥ 3	in conformity
Classification	ISO 10874	class	-	21-23/31-34/41-43
Effect of castor chair	EN 425	-	no surface change except dullness	suitable with wheels type W
EN 14041 PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Fire classification	EN 13501-1	class	-	CLASS B <sub>fl</sub> - s1 with or without adhesive
Dynamic coefficient of friction	EN 13893	-	≥ 0,3	in conformity (DS)
Electrostatic propensity	EN 1815	kV	< 2 (antistatic)	in conformity
Thermal resistance	EN 12667	m <sup>2</sup> K/W	-	0,008
Thermal conductivity	EN 12667	W/mK	-	0,32
OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES RESULTING FROM PRODUCTION CONTROLS
Improvement in footfall sound absorption	ISO 140/8 ISO 717/2	dB	-	8
Vertical electrical resistance (R1)	EN 1081	Ohm	-	≥ 10 <sup>10</sup>
Effect of stains	ISO 26987	-	-	not affected (*)
Cigarette heat resistance	EN 1399	class	method A ≥ 4 method B ≥ 3	method A ≥ 4 method B ≥ 3
Slip resistance	EN 13036-4	-	-	95
Shock absorption	EN 14808	%	-	4
Vertical deformation	EN 14809	mm	-	≤ 0,15
Vertical ball behaviour	EN 12235	%	-	≥ 98
Resistance to a rolling load (1500 N)	EN 1569	mm	-	≤ 0,5 (no damage)
Resistance to wear	EN ISO 5470-1 (H18 wheels, 1 kg, 1000 cycles)	mg	-	950
Specular gloss	EN ISO 2813	%	-	≤ 30
Resistance to indentation	EN 1516	mm	-	0,025
Resistance to impact	EN 1517	mm	-	≤ 0,5 (no damage)
Volatile Organic Compounds (VOC) French Decret 2011-321	ISO 16000	class	-	CLASS A+

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



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