

TECHNICAL DATA

VINYLSPORT M Thickness 5 mm

REV. 1 - 03/2020

TECHNICAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	VALUES FROM MANUFACTURING CONTROLS
Total thickness	EN ISO 24346	mm	nominal value + 0,13 mm nominal value - 0,10 mm	5,0
Thickness of wear layer	EN ISO 24340	mm	nominal value + 13 % nominal value - 10 %	1,6
Mass per unit area	EN ISO 23997	g/m ²	nominal value + 13 % nominal value - 10 %	3400
Rolls width	EN ISO 24341	cm	≥ nominal value	180
Rolls length	EN ISO 24341	m	≥ nominal value	20
Flexibility (method A)	EN ISO 24344 method A	-	no fissuring	in conformity
Dimensional stability	EN ISO 23999	%	≤ 0,4	in conformity
Curling after exposure to heat	EN ISO 23999	mm	≤ 8	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
Seam strenght	EN 684	N/50 mm	≥ 240	in conformity
Classification	EN ISO 10874	class	-	21-23/31-32/41
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	-	0,068
Thermal resistance	EN 12667	m ² K/W	-	0,074
OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	VALUES FROM MANUFACTURING CONTROLS
Improvement in footfall sound absorption	ISO 10140-3/717-2	dB	-	19
Stain resistance	EN ISO 26987	-	-	no surface change (*)
Slip resistance	EN 13036-4	-	-	90
Shock absorption	EN 14808	%	-	20
Vertical deformation	EN 14809	mm	-	1,0
Vertical ball behaviour	EN 12235	%	-	≥ 95
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	-	100
Specular gloss	EN ISO 2813	%	-	15
Resistance to indentation	EN 1516	mm	-	≤ 0,5 (no damage)
Resistance to impact	EN 1517	mm	-	≤ 0,5 (no damage)
Volatile Organic Compounds (VOC) French Decret 2011-321	ISO 16000	class	manifold	CLASS A+

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