



### 3. CLASSIFICATION REQUIREMENTS

Characteristics	Test standard	Units	Requirements	Typical values
3.1 Abrasion resistance	EN 13329	Revolutions	AC 5: IP $\geq$ 6.500	IP $\geq$ 6.500
3.2 Impact resistance	EN 13329	N & mm	$\geq$ IC 3	IC 3
3.3 Resistance to staining	EN 438.2.15	Rating <sup>2)</sup>	Group 1 & 2: 5 Group 3 : 4	5 5
3.4 Resistance to cigarette burns	EN 438.2.18	Rating <sup>2)</sup>	4	5
3.5 Effect of furniture leg	EN 424		No damage with type 0 indenter	No damage with type 0 indenter
3.6 Effect of castor chair	EN 425		No damage or visible change in appearance.	No damage or visible change in appearance, at 25.000 rev
3.7 Thickness swelling	EN 13329	%	< 18	8

<sup>2)</sup> = Rating scale 1 to 5, where 5 is the best = "No visible change".

### 4. OTHER TECHNICAL DATA

Characteristics	Test standard	Units	Requirements	Typical values
4.1 Formaldehyde emission	EN 717	ppm	E1: < 0,10	0,04
4.2 VOC	ENV 13419-2	$\mu\text{g} / (\text{m}^2 * \text{h})$	-	<10 (672 h)
4.3 Resistance to scratching	EN 438.2.14	N	> 3,0	$\geq$ 5,0
4.4 Fire class	DIN 4102 NF P 92-501 NS 3919 EN 14 041	Class Class Class Class	- - - -	B1 – Hardly inflammable M3 G B <sub>fl</sub> – S <sub>1</sub>
4.5 Thermal resistance	DIN 52 612	K * m <sup>2</sup> / W	-	0,10
4.6 Step sound absorption	ISO/ EN 717-2	dB	-	17
4.7 Humidity	EN 322	%	4-10 $\pm$ 1,5 <sup>3)</sup>	6,0 $\pm$ 1,0 <sup>3)</sup>
4.8 Anti slipping property	prDIN 51 131	$\mu$	> R9	$\geq$ R10
4.9 Anti static property	EN 14 041 IEC 63 340-4-1	- Class	- -	Anti static Astatic - class 2

<sup>3)</sup> = Max tolerance within one deliverance.