

POLYFLOR OHMEGA EC

Homogeneous floor covering with electrostatic conductive properties. Electrical resistance to earth < 10⁶ ohms (EN 1081). Recommended applications include: laboratories, clean rooms and electronics manufacturing – wafer fabrication, also in operating theatres.

Characteristics	Standards	Unit	POLYFLOR OHMEGA EC
Type of floor covering	EN ISO 10581		homogeneous, PVC
Surface treatment			—
Description			non-directional, with chips
Special characteristics			electrostatic conductive ECF
Total weight	EN ISO 23997	g/m ²	3060
Use Area	EN ISO 10874		 34  43
Gauge	EN ISO 24346	mm	 2,0
Packaging roll size	EN ISO 24341	m / m ²	 2 m x 20 m / 40 m ²
Residual indentation	EN ISO 24343-1	mm	≤ 0,10
Light Fastness	EN ISO 105-B02	level	≥ 6
Behaviour to fire	EN 13501-1		B _{f1} - s1
Slip resistance	EN 13893 DIN EN 16165 Ann. B		DS R9
Impact sound reduction	EN ISO 10140-3	dB	2
Resistance to thermal conductivity	EN 12667 ISO 8302	m ² K/W	0,01
Electrostatic properties when walked on	EN 1815	kV	≤ 2,0 antistatic
Electrical resistance to earth	EN 1081 R1/R2 IEC 61340-4-1 IEC 61340-4-5		10 ⁴ - 1 x 10 ⁶ ohm ** ≤ 10 ⁹ ohm < 100 v ***
Resistance to chemicals	EN ISO 26987		*
Binder Content	EN ISO 10581		binder content type I
Castor chair	ISO 4918		yes, type W, EN 12529
Underfloor heating	EN 1264-2		suitable, max. 27 °C
VOC emissions	FloorScore® Finnish M1 Classification		certified pass
CE	EN 14041		 B _{f1} -s1  DS  NA HCHO  DL PCP  ≤10 ⁶ Ω 



* Ausgewaschen regelmäßig mit mildem Seifenwasser. Bei Verschmutzung durch Öle, Fett, Schweiß, Blut, Ursubstanz, etc. ist eine gründliche Reinigung erforderlich. Bei Verschmutzung durch Ursubstanz, etc. ist eine gründliche Reinigung erforderlich.



All POLYFLOR commercial sheet vinyl ranges provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

* Resistant depending on concentration and time of exposure, in case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals – please contact us.

** tested with 100 V

*** Result when tested with conductive shoes, tested according to IEC 61340-4-3 and compliant to the requirements of IEC 61340-5-1

Subject to change due to further technical development.