

DECLARATION OF COMPLIANCE

Heavy Duty Chopping Boards

Product Name	Product Code	Size	Colour	DOC Material
Chopping Board – Heavy Duty	P9312	305 x 229 x 12mm	WT, BL, RD, YL, GN	PE500
Chopping Board – Heavy Duty	P9412	457 x 305 x 12mm	WT, BL, RD, YL, GN	PE500
Chopping Board – Heavy Duty	P9420	457 x 305 x 20mm	WT, BL, RD, YL, GN	PE500
Chopping Board – Heavy Duty	P9612	610 x 440 x 12mm	WT, BL, RD, YL, GN	PE500
Chopping Board – Heavy Duty	P9620	610 x 440 x 20mm	WT, BL, RD, YL, GN	PE500

We hereby confirm that our material PE500 colours are in compliance with the legal requirements of the German Food and Feed Code (LFGB) as well as the European directive 2004/1935/EC and European directive 2011/10/EC in their current version.

PE500 colours is a semi-finished product based on an ultra-high molecular Polyethylene.

All materials and raw materials used are in compliance with the specifications of the European directive 2011/10/EC (consolidated version of directive 2002/72/EC and amendments).

PE500 colours contains no special ingredients for which a specific - migration limit (SML) applies.

The overall migration values are considerably below the admissible limits during intended use. The tests are done according to the European directive 82/711/EEC and 85/572/EEC amendments.

We produce according to the good manufacturing practice for materials and articles intended to come into contact with food items. The single elements of the European directive 2023/2006/EC are implemented in our certified quality system according to DIN EN ISO 9001-2008.

PE500 Technical Properties

Physical	Unit	Test Method	Result
Specific Gravity	g/cm ³	DIN EN ISO 1183-1	0.96
Water Absorption till Saturation 23°C	%	DIN EN ISO 62	
Max Service Temp. Upper Temp Limit – Short Term	°C		100
Max Service Temp. Upper Temp Limit – Long Term	°C		80

Mechanical	Unit	Test Method	Result
Tensile Strength	MPa	DIN EN ISO 527-1	≥28
Elongation at Yield	%	DIN EN ISO 527-1	>650
Tensile Strength at Break	Mpa		
Unnotched Impact Strength	kJ/m ²	DIN EN ISO 179-1	No break
Notch Impact Strength	MPa		
Ball Indentation / Rockwell Hardness	MPa	DIN EN ISO 2039-1	50
Shore-D		DIN EN ISO 868	62-65
Flexural Modulus of Elasticity	MPa		
Tensile Modulus of Elasticity	MPa	DIN EN ISO 527-1	1100

Thermal	Unit	Test Method	Result
Vicat-Softening Point VST/B/50	°C	DIN EN ISO 306	80
Heat Deflection Temperature HDT/ B	°C		
Coefficient of Linear Thermal Expansion 23°C – 100°C	Mm/m x °C	ISO 11359-2	1.5-2.10 ⁻⁴
Thermal Conductivity at 23°C	W/mK	ISO 52612	> 0.40

Electrical	Unit	Test Method	Result
Volume Resistivity	ΩXM	DIN EN 62631-3-1	> 10 ¹⁴
Surface Resistivity	Ω	DIN EN 62631-3-1	> 10 ¹⁴
Dielectric Constant at 1MHz			
Dielectric Loss Factor at 1MHz			
Dielectric Strength	kV/mm	IEC 60243-1	45

Additional Data	Unit	Test Method	Result
Bond Ability			
Food Compliance - FDA		FDA	Yes
Food Compliance – EU		EU 10/2011	Yes

Flammability	Unit	Test Method	Result
Fire Performance		UL94	HB

Before use: It is recommended to clean, disinfect and/or sterilise the article before use.

After use: Clean, disinfect (tolerates all approved disinfectants) and sterilise the article after use according to the appropriate to its intended use, using the correct chemical, concentration, time and temperature.

This certificate was prepared on behalf of Klipspringer Ltd and the information included is to the best of our knowledge correct at the time of writing. Klipspringer offers the information within this document as a guide only, they do not represent any guarantee of the prescribed products in the sense of the legal guarantee regulations. It is the responsibility of the end user to ensure the items purchased are suitable for the intended application.

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Declaration of compliance in line with Annex 4 10/2011/EC

Sheena Britton Technical Compliance Manager Klipspringer 25-03-2021		Date of Issue	25-03-2021
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