

For plastic food contact articles – PP Chalk (Foil Grade) (OM4)

Plus Pack item no.	Description	Intended for:		
1505014202	PPCHALK.RECT.500ML.BLACK	Aqueous foods	Yes	
1507014201	PPCHALK.RECT.700ML.BLACK/RED			
1507014202	PPCHALK.RECT.700ML.BLACK			
1509014203	PPCHALK.RECT.900ML.BLACK			
1509124701	PPCHALK.RECT.910ML.BLACK.2CMP			
1509814701	PPCHALK.RECT.980ML.BLACK			
<b>Customer Reference</b>	-	Acidic foods	Yes	
<b>Appearance</b>	-	Alcoholic foods	Yes	
<b>Filling/Treatment</b>		Fatty foods	Yes	
Temperature	Max. 100 °C (1 hour)	Dry foods	Yes	
Time	Up to 1 hour (100 °C)	Use in conventional oven	No	
<b>Storage after filling</b>		Use in microwave	Yes	
Temperature	-40 to +40 °C	Freezing	Yes	
<b>Combination of materials:</b> (outside to inside)	Polypropylene/Polypropylene with min. 51% chalk			
<b>Substances restricted by specific migration limits (SML) – tested according to EU Regulation 10/2011:</b>				
CAS no.	Substance	Food simulant	Contact conditions	SML (mg/Kg)
592-41-6	1-Hexene	Olive Oil	1h at 100 °C + 10days at 60 °C	3,0
2082-79-3	Irganox 1076	Olive Oil	1h at 100 °C + 10days at 60 °C	6,0
84-74-2	DBP	Isooctane	1,5h at 60 °C + 2 days at 30 °C	0,3
7128-64-5	BBOT	Isooctane	1,5h at 60 °C + 2 days at 30 °C	0,6
7440-39-3	Barium	3% Acetic acid	10days at 40 °C	1,0
7429-50-5	Aluminum	3% Acetic acid	10days at 40 °C	1,0
7439-96-5	Manganese	3% Acetic acid	10days at 40 °C	0,6
7440-66-6	Zinc	3% Acetic acid	10days at 40 °C	5,0
7440-48-4	Cobalt	3% Acetic acid	10days at 40 °C	0,05
7440-50-8	Copper	3% Acetic acid	10days at 40 °C	5,0
7439-89-6	Iron	3% Acetic acid	10days at 40 °C	48
7439-93-2	Lithium	3% Acetic acid	10days at 40 °C	0,6
85209-93-4	2,2'-methylene-bis(4,6-di-tert-butyl-phenyl) lithium phosphate	Worst case calculation	-	5,0
<b>Ratio (migration testing):</b> 1:1 dm/dl				
<b>Other restrictions:</b> -				
<b>Inventory storage</b>			Max. 70 % RH	5-25 °C

This item supplied by Plus Pack Group is intended to come into contact with the indicated foodstuffs and comply with the following EU Commission regulations and directives under the filling/treatment and storage conditions:

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- Framework regulation (EC) 1935/2004 on materials and articles intended to come into contact with food with possible amendments.
- Framework 2011/10/EC relating to plastic materials and articles intended to come into contact with foodstuffs with possible amendments.
- Directive (EC) 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food with possible amendments.
- Directive 94/62/EC on packaging and packaging waste (heavy metals) with possible amendments.
- Directive (EC) 1907/2006 REACH (Registration, Evaluation and Authorization of Chemicals) with possible amendments.
- Commission regulation (EC) 1895/2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food with possible amendments.
- Regulation (EU) 1169/2011 – concerning absence of the listed allergens in Appendix II.

All products are suitable for its intended use and have been tested for possible contamination and hazards (interactions) towards products and consumers. Migration tests have therefore been carried out. See Normpack certificates on [www.pluspack.dk](http://www.pluspack.dk)

Plus Pack will always assist in the choice of packaging, but the packer is ultimately responsible for choosing the right packaging for the product/process. The products must be tested until end shelf life time by correct packaging trials to avoid process problems – product smell, taste or visual deformation of the total end product. Potential re-use of the packaging is depending on both production process and product, and subsequently the re-use ability must be tested/documentated by the packer/producer.

### Overall migration tests:

The overall test conditions are as follows – tested according to EU Regulation 10/2011:

#### Test conditions for overall migration (OM4)

Simulant	Test conditions (time / temperature)
A: 10 % ethanol	1h at 100 °C + 10days at 60 °C
B: 3 % acetic acid	1h at 100 °C + days at 40 °C
D2: olive oil	1h at 100 °C + 10days at 60 °C

The overall migration and specific migration limits are respected - based on either theoretical calculations or actual migration testing in accordance with the stated conditions of use.

Dual use additives that might be present	None
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Content of BPA	No
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International material recycling symbol:



The statement is based on documentation from Plus Pack suppliers of raw materials and goods. The declaration is indicative and applies to the product when used during normal and foreseeable conditions consistent with referred temperature-, time- and contact constraints.

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Odense, 2019-08-21

The logo for PLUS PACK, featuring the word "PLUS" in a light grey font, a blue square icon, and the word "PACK" in a light grey font.

Plus Pack AS

Energivej 40 - Postbox 151 - DK-5260 Odense S  
Tel. +45 65 50 60 00 - Fax +45 65 50 60 40

Quality & Process Manager

**Plus Pack AS**  
Energivej 40  
Postbox 151  
DK - 5260 Odense S

Tel: +45 6550 6000  
ISO 9001 Certificeret  
www.pluspack.com  
admin.dk@pluspack.com

Fax salg/logistik: +45 6550 6020  
Fax eksport: +45 6550 6040  
Fax økonomi/it: +45 6550 6010  
Fax direktion: +45 6550 6051

DKK:  
EUR.:  
IBAN:  
CVR:

Nordea 2206 0563 601124  
Danske Bank 3574 3574 351367  
DK20 3000 3574 351367  
DK 37 75 40 13