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Manufacturing / Distribution of laminated films, rigid films,
vacuum-bags-, side- and bottom- sealed shrink-bags
– all films and bags printed and unprinted –

	Valid for all sizes!
Type	<p>This declaration of conformity is valid in conjunction of food laws. In technical terms, please refer to the data sheets.</p> <p>Three Seal Bags and Top web of PA/PE as follows, unprinted:</p> <p><u>Three Seal Bags:</u> „PA/PE 20/50“ „ECO-2000“ „PA/PE 20/65“ „PA/PE 20/65“ blue translucent „BST-090“ „BST-090 blue translucent“ „BST-090 / RBS-100-3-ROT“ back side red „BST-090 / BST-090-SW“ back side black „BST-090-SW / BST-090-SW“ front side- +back side black „RBS-100-2“ „RBS-100-3“ „RBS-120-2“ or „RBS-120“ or „PAPE-120“ „RBS-120-3“ „PA/PE-140 blue translucent“ „RBS-150“ „PA/PE 40/130“ „RBS-170“ „RBS-200“ „RBS-220“</p> <p><u>Top Web:</u> „Proflex-065-1,5“ „Proflex-070-2“ „Proflex-080-2“ „Proflex-090-2“ „Proflex-090-2-SW“ black „Proflex-145-3“</p>

BRC/IoP Global Standard	Number of pages:	1 of 6	Creating:	Christian Frericks (-257)	
Version:	-	Version of:	22 nd Nov. 2013	Checking and release:	Christian Frericks (-257)

The Rolf Bayer Vacuumverpackung GmbH confirms you as our customer that the above-mentioned packaging materials (types) comply with following regulations:

- BRC/IoP Global Hygiene Standard for packaging and other packaging materials
→ You will find the most recent certificate on our webpage www.rbayer.de !
→ A hygiene-, cleaning- and pest control concept is implemented. The production of our packaging materials is effected according to the preconditions of the (good manufacturing practice, GMP) Regulation 2023/2006/EC, especially concerning the detection of potential hazards, evaluation of risks in connection with those and a system to govern recognized hazards (chemical, physical and microbiological risks according to HACCP) for the usage with foodstuffs.
→ We ordered random for many supplied types microbiological tests according to method § 64 LFGB on mesophilic aerobic bioburden 30 °C (incl. pathogenic germs), yeast, as well as mold fungus. "As defined by LFGB and EC Regulation 1935/2004 there are no objections to the intended use of the tested article".
- „(Deutsches) Lebensmittel- und Futtermittelgesetzbuch“ (§ 64 LFGB), especially §§ 30 and 31
- (foodstuffs law) Regulation 178/2002/EC
- (packaging and packaging waste) Directive 94/62/EC, including (modification-) Directives 2004/12/EC and 2005/20/EC → no heavy metals cadmium (Cd), lead (Pb), mercury (HG) and hexavalent chromium (Cr⁶⁺) (limit value < 100 ppm)
- "Verpackungs-Verordnung" (VerpackV), including (modification-) ordinance 5
- **(REACH) Regulation 1907/2006/EC** including (modification-) Regulation (EC) No 1272/2008/EC and European Chemicals Agency (ECHA) candidate list valid at the time → no substances of very high concern (SVHC) (limit value < 0,1 mass percent)
- (materials in contact with foodstuffs/ framework) Regulation **1935/2004/EC**, especially article 18.
→ Traceability is ensured due to labels with our corporate letterhead and our charge number in relation with the carton-/ roll number!
- (traceability and labeling of genetically modified organisms/ GVO-) Regulations 1829/2003/EC and (not subject to) 1830/2003/EC as well as Regulation (EU) No 1169/2011 (allergens)
→ no ingredients subject to labeling (limit value < 0,5%)
- (recycled plastic-) ordinance 282/2008/EC
- (plastic-) Regulation (EU) No **10/2011** including (modification-) Regulation (EU) No 1183/2012, 202/2014, 2015/174, 2016/1416, 2017/752 and following
- „Bedarfsgegenstände-Verordnung“ (BedGgstV), including (modification-) Regulation 17
- Specifications of the respectively relevant recommendations of "Bundesinstitutes für Risikobewertung" (**BfR**) part A (e.g. III for polyethylene, VII for polypropylene, X for polyamide)
- → Enamels and coatings conform to the Europe Euro resolution AP(2004)1 and the FDA 21 CFR.
- → Starch-flour not containing wheat or gluten components resp. powder made of (a mixture of) tapioca- and/ or potato-based starches are used for specific types of packaging materials and neither contain allergens (listed in Regulation (EU) No 1169/2011) nor genetically modified organisms and are for that reason appropriate for the usage in foodstuffs.

BRC/IoP Global Standard	Number of pages:	2 of 6	Creating:	Christian Frericks (-257)	
Version:	-	Version of:	22 nd Nov. 2013	Checking and release:	Christian Frericks (-257)

Conformity was determined by:

- Examinations of the migration and residual content according to (migrations-) Directive 82/711/EWG, including (modification-) Directive 93/8/EC and 97/48/EC as well as (simulants-) Directive 85/572/EWG, including (modification-) Directive 2007/19/EC and 2008/39/EC until 31.12.2015 and Regulation (EU) No 10/2011 as of 01.01.2016.
 The legal limit values of global migration (GM) and specific migration be complied with the following storage and test conditions.
- supplier confirmations and/ or calculations

Recommended storage conditions

Storage in closed rooms at 18 to 25° Celsius with humidity between 40 and 56% relative humidity.
 Not to be stored directly on the floor or at walls or heating units.
 To be brought into the packing room 24 hours before usage and opened just before processing.

Warranty and changes of characteristics

We confirm for our packaging materials a minimum storage life of 12 months.
 The characteristics assured, especially the barrier characteristics, remain unchanged for a period of 12 months – subject to correct storage, treatment and application.
 Certain characteristics may deteriorate or changes considerably over that period of time, among those are in particular antifog (6 months) or anti static, but as well the surface tension.

Specification for intended usage or limitations:

- Types of foodstuffs intended to come in contact with the material:

dry	e. g. spices
watery	e. g. fresh meat
sour	e. g. sour preserves
fatty	e. g. sausages and meat products

- Types of foodstuffs not intended to come in contact with the material:

- **alcoholic food**
- See details in our technical data sheets

- Duration and temperature of processing and storage with contact with foodstuffs:

10 days at 40° Celsius tested

- Relation of surface in contact with foodstuffs to the volume according to with conformity with the material was determined:

6 dm² film per 1 kg foodstuffs

BRC/IoP Global Standard	Number of pages:	3 of 6	Creating:	Christian Frericks (-257)	
Version:	-	Version of:	22 nd Nov. 2013	Checking and release:	Christian Frericks (-257)

The level of migration stays within the legal limits subject to the following test conditions:

Food simulants	Abbreviation	Testing conditions (Contact time/ Contact temperature)
10 % ethanol (v/v) (alternatively distilled water or 50 % (v/v) ethanol)	A (D1)	10 days at 40 °C
3 % acetic acid (w/v)	B	10 days at 40 °C
Vegetable oil (olive oil)	D2	10 days at 40 °C
Alternative testing according to guideline 97/48/EC. The informational value is confirmed by a reference measurement with a fat stimulant:		
95 % ethanol (v/v) isooctan	D2	10 days at 40 °C 2 days at 20 °C

Specific migration limits (SML) and maximum residue levels (QM) resp. (QMA)

For the packaging material types mentioned above that are the following substances:

PM/ Ref.-Nr. Ref. No	CAS-Nr. CAS No	Bezeichnung des Stoffs Substance name	Grenzwert specific migration limit [mg/kg]	berechnet mit dem für Folien und Beutel üblichen Umrechnungs-faktor 6 calculated with the usual for films and bags conversion factor of 6 [mg/kg]	relevant für relevant for
10120	000108-05-4	Vinylacetat = acetic acid, vinyl ester	SML=12	2,00	
12670	0002855-13-2	1-Amino-3-aminomethyl-3,5,5-trimethylcyclohexan = 1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane	SML=6	1,00	
14200 41840	000105-60-2	Caprolactam = caprolactam	SML(T)=15	2,50	
14230	0002123-24-2	Caprolactam, Natriumsaltz = caprolactam, sodium salt	SML(T)=15	2,50	
16950	000074-85-1	Ethylen = ethylene	-	-	
17005	000151-56-4	Ethylenimin = ethyleneimine	SML=NN (NG=0,01)	ND = NN = nicht nachweisbar	
17260 54880	0000050-00-0	Formaldehyd = formaldehyde	SML=15	2,5	
18430	000116-15-4	Hexafluorpropylen = hexafluoropropylene	SML=NN (NG=0,01)	ND = NN = nicht nachweisbar	
18460 15274	000124-09-4	Hexamethylen-diamin = hexamethylenediamine	SML=2,4	0,40	
18820	000592-41-6	1-Hexen = 1-hexene	SML=3	0,5	
19150	000121-91-5	Isophthalsäure = isophthalic acid	SML(T)=5	0,83	
19540 64800	000110-16-7	Maleinsäure = maleic acid	SML(T)=30	5,00	
19960	0000108-31-6	Maleinsäureanhydrid = maleic anhydride	SML(T)=30	5,00	
22660	000111-66-0	1-Octen = Octene-1	SML=15	2,50	
24550 89040	000057-11-4	Stearinsäure (als Zinksalz) = stearic acid (zinc salt)	SML=5 als Zn	0,83	
25120	0000116-14-3	Tetrafluorethylen = tetrafluoroethylene	SML=0,05	0,01	
26140	000075-38-7	Vinylidenfluorid = vinylidene fluoride	SML=5	0,83	
39090	-	N,N-Bis(2-hydroxyethyl)alkyl(C8-C18)aminm = N,N-bis(2-hydroxyethyl)alkyl(C8-C18)amine	SML(T)=1,2	0,20	

BRC/IoP Global Standard	Number of pages:	4 of 6	Creating:	Christian Frericks (-257)
Version:	Version of:	22 nd Nov. 2013	Checking and release:	Christian Frericks (-257)

PM/ Ref.-Nr. Ref. No	CAS-Nr. CAS No	Bezeichnung des Stoffs Substance name	Grenzwert specific migration limit [mg/kg]	berechnet mit dem für Folien und Beutel üblichen Umrechnungs-faktor 6 calculated with the usual for films and bags conversion factor of 6 [mg/kg]	relevant für relevant for
52720	000112-84-5	Erucamide = erucamide	-	-	
68320	002082-79-3	Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate = octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	SML=6	1,00	
74400	-	Tris (nonyl- und/oder dinonylphenyl) phosphite	SML=30	5,00	
77708	-	Polyethylenglycolether (EO = 1-50) von linearen und verzweigten primären Alkoholen (C8-C22) = polyethyleneglycol (EO = 1-50) ethers of linear and branched primary (C8-C22) alcohols	SML=1,8	0,30	
81760	7439-89-6	Pulver, Schuppen und Fasern von Messing, Bronze, Kupfer, Edelstahl, Zinn, Eisen und Legierungen aus Kupfer, Zinn und Eisen = powders, flakes and fibres of brass, bronze, copper, stainless steel, tin, iron and alloys of copper, tin and iron Carbonyleisen = carbonyl iron	SML=48	8	
94000	0000102-71-6	Triethanolamin = triethanolamine	SML=0,05	0,008	
96240	001314-13-2	Zinkoxid = zinc oxide (expressed as Zn)	SML(T)=5 als Zn	0,83	
-	000557-34-6 005970-45-6	Zinkacetat = zincacetate	SML(T)=25 als Zn	4,17	

Ingredients being subject to restrictions regarding their use in foodstuffs („Dual Use Additives“) according to the guidelines 95/31/EC, 95/45/EC and 96/77/EC:

For the packaging material types mentioned above that are the following substances:

PM/ Ref.-Nr. Ref. No	CAS-Nr. CAS No	Bezeichnung des Stoffs Substance name	Grenzwert specific migration limit [mg/kg]	berechnet mit dem für Folien und Beutel üblichen Umrechnungs- faktor 6 calculated with the usual for films and bags conversion factor of 6 [mg/kg]	relevant für relevant for
10090 30000	0000064-19-7	Essigsäure = acetic acid (E260)	-	-	
13620 40320	010043-35-3	Borsäure = boric acid, expressed as boron (E284)	SML(T)=6	1,00	
14680 44160	000077-92-9	Citronensäure = citric acid (E330)	-	-	
23590 76960	0025322-68-3	Polyethylenglykol = polyethyleneglycol (E1521)			
42500	- 000471-34-1	Kohlensäure, Salze = carbonic acid, salts Calciumcarbonat = calcium carbonate (E170)	-	-	
46640	000128-37-0	2,6-Di-tert-butyl-p-kresol (Buthylhydroxitoluol = BHT) = 2,6-di-tert-butyl-p-cresol (E321)	SML=3	0,50	
62240	0001332-37-2	Eisenoxid = iron oxide (E172)			
79040	9005-64-5	Polyethylenglykolsorbitanmonolaurat (E432)	-	-	
86240	007631-86-9	Siliciumdioxid bzw. Kieselsäure (E551) = silicon dioxide synthetic silica (SiO2)	-	-	
92080	014807-96-6	Talkum bzw. Magnesiumsilikathydrat = talc (E553b)	-	-	
93520	000059-02-9 010191-41-0	alpha-Tocopherol (Vitamin E) = α -tocopherol	-	-	

The information about additives which are at the time foodstuffs additives and flavor additives („Dual Use Additives“) are based on our current state of knowledge. As there is no official list of the „Dual Use Additives“ we refer to „EUPC Study on Dual Use Additives; PACK Co. srl, Milan 2006, which is incomplete. The lacking

BRC/IoP Global Standard	Number of pages:	5 of 6	Creating:	Christian Frericks (-257)
Version:	-	Version of:	22 nd Nov. 2013	Checking and release:
				Christian Frericks (-257)

information about this group of additives from certain subcontractors, which are facing the same difficulties as we do, does not allow us to guarantee the completeness of our information.

The guidelines 82/711/EWG and 85/572/EWG (including modification guidelines) provide a code of practice for the selection of the test conditions to be used for various foodstuffs. Up to 31.12.2015 has been tested according to this test. As of 01.01.2016 the test conditions of Regulation (EU) no. 10/2011 apply. According to such our packaging materials meet the requirements of those guidelines under consideration of the stated foodstuffs contact conditions for the packaging of dry, watery, or sour filling goods or such containing alcohol or fat. The user is obliged to make sure that our packaging materials are suitable for the respective filling good. For that reason, we cannot assume liability for damages caused by lacking suitability or inappropriate usage of our products for the used filling good.

No harmful substances were used knowingly. However, we cannot exclude the possibility of traces of certain substances which entered our packaging material in some other way, like for instance via ubiquitous environment impact, contaminations or residues of catalysts or process aids. You will be informed about any changes of the composition of our packaging materials relevant for foodstuffs requirements. This declaration of conformity is valid without modification until 30. June 2018.

Veitsbronn, 2nd November 2017

Rolf Bayer Vacuumverpackung GmbH

Christian Frericks
 Head of Quality Management

BRC/IoP Global Standard	Number of pages:	6 of 6	Creating:	Christian Frericks (-257)
Version:	-	Version of:	22 nd Nov. 2013	Checking and release:
				Christian Frericks (-257)