

PRODUCT QUALITY SPECIFICATION

Type of Paper: **KH PACK BASE 50 A**
Customer: **ALT HU**
Customer Order No.: **34**
Supplier Order (SO): **17101660**
Working Order (WO): **286446**
Working Order Number: **23312**

Item number: **PA8110502000470**
Norm:
Reference: **14**
Requested Date: **13/09/17**

Quality Characteristic	Unit	Min.	Max.	Values						
Substance	(g/m ²)	48,0	52,0	50,3	50,3	50,2	50,9	50,8	50,5	Ø 50,5
Thickness	(µm)									
Water Absorbency Cobb ₃₀	(g/m ²)									
Water Absorbency Cobb ₆₀	(g/m ²)	p.v.	30,0			24,1				24,4
Water Absorbency Noll	(mm)									
Ash Content	(%)		1					0,14		
Breaking length MD	(km)	7,0						9,890		
CD										
Ø								9,890		
Wet breaking length	(km)									
Smoothness Bekk	(s)					21,5				36,4
Brightness R 457 +	(%)					86,72				86,78
R 457 -										
d R										
Whiteness CIE	(%)					71,40				71,43
Colour Divergence	(δE)									
Opacity	(%)									
Bursting	(kPa)									
KIT Test	wire (no.)									Ø
grain										Ø
NFA Test	wire (no.)									Ø
grain										Ø
Surface strength (IGT)	wire (mm/s)									
Air Permeability (Gurley)	(s)							222		
Air Permeability (Bendtsen)	(ml/min)							55		
Size	reel (cm)					-0,00				+0,00
		60 x	80			-0,00				+0,00

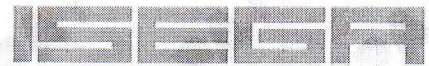
Values of breaking length, water absorbency and surface strength have been calculated for standard conditions: relative moisture 50 ± 2%, temper. 23 ± 1°C.

Check out statement:

Compliant

In Hostinné 2017.09.04

Analyst: Hejná



Forschungs- und Untersuchungs-
Gesellschaft mbH Aschaffenburg

Dr. Ralph Derra

Öffentlich bestellter und vereidigter Sachverständiger für
Verpackungsmaterialien, Boden- und Luftanalysen;
Sachverständiger in der Wasseranalytik

11 September 2017

Dr. Dr./ls.-pf/kr

UNBEDENKLICHKEITSERKLÄRUNG
CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE

eingetragen
registered no.
registré

45545 U 17

für
for
pour

KRPA Paper a.s.
Nádražní 266
543 71 Hostinné
Czech Republic

Produkt
Product
Produit

KH PACK Superior
KH PACK Laminated
KH PACK Yeast Pack
KH PACK Base
KH PACK Basic Resistance

The products manufactured by the company mentioned above are paper grades which are used for food packaging.

They were examined by us according to the

"Methoden zur Untersuchung von Papieren, Kartons und Pappen für Lebensmittelverpackungen", Stand 2008, entsprechend der Vorschrift Nr. 80.56 in der Amtlichen Sammlung von Untersuchungsverfahren nach § 64 des Lebensmittel- und Futtermittelgesetzbuchs - LFGB,

("Methods for testing papers and boards for food packaging", state of 2008, corresponding to the method no. 80.56 within the Official Collection of Test Methods according to § 64 of the Foodstuffs and Animal Feed Code - LFGB),

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and according to the demands of the

Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (1 April 2016 edition), § 176.170,

for the used raw materials, fabrication additives and special paper finishing agents as well as for the release of substances which might endanger health.

The paper grades are in compliance with the rules of the

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13.11.2004, modified by app. no. 5.17 of the regulation (EC) No 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3,

as well as of the

Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch (Lebensmittel- und Futtermittelgesetzbuch - LFGB) in der Fassung der Bekanntmachung vom 3. Juni 2013 (BGBl. I S. 1426), zuletzt geändert durch Artikel 1 des Gesetzes vom 30. Juni 2017 (BGBl. I S. 2147), §§ 30 und 31,

(Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code - LFGB) in the version of the notification of 3 June 2013 (BGBl. p. 1426), last amendment by article 1 of the act of 30 June 2017 (BGBl. I p. 2147), §§ 30 and 31),

and are approved according to the

Deutsche Empfehlung XXXVI zur gesundheitlichen Beurteilung von Materialien und Gegenständen für den Lebensmittelkontakt im Rahmen des Lebensmittel- und Futtermittelgesetzbuches, 34. Mitteilung, Bundesgesundheitsblatt 10, 14 (1967), einschließlich 220. Mitteilung, Bundesgesundheitsblatt 59, 1365-1368 (2016), Stand vom 01.07.2016,

(German Recommendation XXXVI for the health-related evaluation of materials and objects for the contact with foodstuffs in the frame of the Foodstuffs and Animal Feed Code, 34th memorandum, Bundesgesundheitsblatt 10, 14 (1967), including the 220th memorandum, Bundesgesundheitsblatt 59, 1365-1368 (2016), state of 1 July 2016).

Furthermore, the paper grades are in compliance with the demands of the

Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (1 April 2016 edition), §§ 176.170 and 176.180.

Thus the paper grades KH PACK Superior, KH PACK Laminated, KH PACK Yeast Pack, KH PACK Base and KH PACK Basic Resistance according to the sample material submitted may be used safely for food packaging. They may stand in direct contact with dry, moist and fatty foodstuffs.

45545 U 17

This certificate of compliance has a validity of 2 years and consists of 4 pages.

Certification decision



(Höfert)
Officially certified
and authorized food
chemist

The translation of the above stamps is given on page 4.
La traduction des estampilles est donnée en page 4.

45545 U 17



Staatlich anerkannter Sachverständiger
zur Untersuchung der Gegenproben von
Verpackungsmitteln aus Papier, Papp,
Kunststoffen, Glas, Weißblech und
sonstigen Metallverpackungen auf ihre
Lebensmittelrechtliche Unbedenklichkeit

Dr. Ralph Derra

Authorized expert for the analyses of packaging materials, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse des matériaux d'emballage, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

State registered expert for the analysis of contrasting samples of packaging materials of paper, board, plastics, glass, tin plate and other metallic packaging materials as to their suitability for use with foodstuffs.

Expert public pour l'étude du contrôle des contre-échantillons d'emballages de papier, cartons, plastiques, verre, fer-blanc et d'autres emballages métalliques concernant leur conformité alimentaire.



Dr. Ralph Derra

Authorized expert for the analyses of soil and air, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse du sol et de l'air, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

Die Rücklagen des untersuchten Materials werden bei der Gutachterstelle verwahrt.

Dieses Dokument ist eine Übersetzung einer deutschen Originalversion. In Streitfällen ist das Originaldokument die rechtlich bindende Version.

A file sample of the tested material is kept at the expert's office.

This document is a translation of an original in German. In case of dispute, the original document should be taken as authoritative.