



NORMPACK - CERTIFICATE

Registration No:

006 10 100 1479 30

Valid until:

2016-10-28

We declare that our material/article is manufactured in accordance with the Normpack Norm

Trade name (and type):

Uddeholm Steel grades: Uddeholm CORRAX and low temperature tempered Uddeholm MIRRAX ESR

All layers in the material (start with food contact layer):

Steel

Suitable for food type(s)						Contact time in foreseeable use											
01.Drinks		02.Cereals, cereal products, pastry,		03.Chocolate, sugar and products thereof,		Other material	Foods										
01.01	01.03	02.01	02.04	03.01	03.03	Time	<24h	<6m	<4h								
01.02		02.02	02.05	03.02		Temp. ° C	< 40°	< 40°	< 100°								
		02.03	02.06			DRE: No	Overall Migration					Specific Migration					
04.Fruit, vegetables and products thereof		05.Fats and oils		06.Animal products and egg		Simulants:	A	B	C	D1	D2	A	B	C	D1	D2	E
		05.01		06.01	06.04	Time	x	1 h	x	x	10 d						
04.02	04.05	05.02		06.02B	06.05	Temp. ° C	x	100	x	x	40						
04.03				06.03	06.05***	Time	x	10 d	x	x							
07.Milk products		08.Miscellaneous products				Temp. ° C	x	40	x	x							
07.01	07.03	08.01	08.05	08.09	08.13	Results mg/kg	<60	Method	Measurement	mg/kg		Method					
07.02	07.04	08.02	08.06	08.10	08.14	Functional barrier	Yes	E.no	No	PAA	<0,01	Metals		<SML			
		08.03	08.07	08.11	08.15	Material/ product	Migration test on the construction				Area,dm²		Vol,dm³				
		08.04	08.08	08.12													
The Simulants consists of: A:10% EtOH, B:3% HAc C:20% EtOH, D1:50% EtOH, D2:Oil, E:MPPO x=Screening, *Food type 01.04, D2= 95% EtOH **Whole eggs						Simulants	Water	Heptan				Saliva	Method				
						Time							Results	Contact:			
						Temp. ° C											
						Material/ product						<input checked="" type="checkbox"/> Dry food					

CAS-no or PM/ref-no

Restrictions and specifications

Other information

Has the company implemented a system for?		The certificate is valid provided that the demands of §3 of the Normpack-Norm are fulfilled		
Traceability, Art. 17, L 1935/2004	Yes			
GMP, L 2023/2006	Yes	Declaration Of Compliance (DoC) ?	Yes	
If our product is further processed, the manufacturer/processor of the finished product is responsible that the migration demands are met. We also declare that should we on any occasion change the composition of our products in a way that would interfere with the declaration, we will inform your company				
Company	Uddeholms AB		The certificate documentation is audited by the Normpack secretariat	
Web address (URL)	http://www.uddeholm.com/			
Date:	2014-10-28		Date:	2014-10-28
Signature of product/production responsible:	Normpack stamp and signature			
Clarification of signature Petter Damm		Clarification of signature: Kristina Salmén		