



København, august 2015

### Overensstemmelseserklæring

Vi forhandler plast- og pp-poser til emballering af fødevarer.

Poserne fremstilles i Cast Polypropylen (CPP) og Bi Orienteret Polypropylen (BOPP)

Dokumentation for fødevarer godkendelse af ovennævnte produkter foreligger fra vores leverandører.

Råvarerne til produktionen indkøbes i form af færdig ekstruderede folier. Alle folier som indkøbes er dokumenteret fødevarer egnede, i henhold til EEC (EU) og FDA (USA), folierne overholder ligeledes specifikationerne i bekendtgørelse nr. 822 af 26. juni 2013, der er den danske bekendtgørelse for de europæiske direktiver såsom forordning nr. 1935/2004, samt forordning nr. 10/2011 af 14. januar 2011 vedrørende materialer og genstande bestemt til kontakt med fødevarer.

De af Karl Lund Papir engros a/s forhandlede produkter lever op til reglerne i forordning 2023/2006/EF om God Fremstillings Praksis.

#### Anvendelse:

Produkter fremstillet af CPP og BOPP kan anvendes til opbevaring af fødevarer på køl eller ved stuetemperatur. Produkterne må ikke bruges i ovn og mikroovn, undtagen det er specificeret direkte på vareemballagen.

#### Kontrol/Egenkontrol:

Karl Lund Papir engros a/s er naturligvis underlagt kontrolbesøg fra Fødevarestyrelsen, og har ligeledes egenkontrol i henhold til gældende regler.

Rapporter fra Fødevarestyrelsens kontrolbesøg kan findes på vores hjemmeside [www.karllund.dk](http://www.karllund.dk).

  
Hanne Lund-Johansen  
KARL LUND A/S

**CPP**

Cast polypropylene film



TEST		TEST Method	UNITS	TYPICAL VALUES															
THICKNESS		ISO 4593	µm	20	25	27	30	32	35	38	40	45	50	60	70	75	80		
GRAMMAGE		---	g/m <sup>2</sup>	18.1	22.6	24.4	27.1	28.5	31.6	34.4	36.2	40.7	45.2	54.3	63.3	67.4	72.4		
YIELD			m <sup>2</sup> /kg	55.2	44.2	41.0	36.9	35.1	31.6	29.1	27.6	24.3	22.1	18.4	15.8	14.8	13.8		
MECHANICAL PROPERTIES	Tensile Strength	MD	ASTM D 882	N/mm <sup>2</sup>	76	75	70	68	67	65	63	62	55	54	53	44	42	40	
		TD			42	43	44	45	45	45	46	46	44	44	44	40	38	35	
	Elongation	MD			%	550	590	600	635	640	645	670	680	690	700	710	720	725	730
		TD			%	780	790	800	810	810	820	820	810	790	780	770	765	760	765
COEFFICIENT OF FRICTION	Dynamic	U/U	ISO 8295	---	0.09				0.09				0.10				0.15		
		U/M			0.19				0.16				0.15				0.14		
OPTICAL PROPERTIES	Gloss (45°)		ASTM D 2457	%	88	90	90	91	91	91	91	90	90	90	88	85	85	81	
	Haze		ASTM D 1003	%	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.8	4.0	4.5	5.5	6.0	6.0	6.5	
PERMEABILITY	WVTR (23°C, 100% H.R.)		ASTM F 1249	g/(m <sup>2</sup> d)	4.46					2.01									
	OTR (23°C, 0% H.R.)		DIN 53 380	cm <sup>3</sup> /(m <sup>2</sup> d atm)	5097					2730									
SEALING	S.I.T. (150N, 1s, 1mm)	U/U	CSFL 2	°C	126	128	128	128	129	129	129	130	133	135	137	137	138	140	
TREATMENT	Surface Tension		ASTM D 2578	dynes/cm	≥ 38														
WIDTH	Standard				Nominal Value -3 / +5														
	Trimmed				Nominal Value 0 / +2														

**Storage conditions:**

The film should be stored in a dry, covered and clean area, away from heat sources and without UV radiation and/or direct sunlight. The storage temperature should be between 15 to 30°C. The film should be allowed to reach the operating room temperature 24 hours before its use. If the above mentioned requirements are fulfilled the film is suitable to be used up to 6 months from the production date.

The above properties correspond to average values and do not represent a product specification.

The information provided on this technical sheet is based on our current knowledge and experience and is given with good faith. It may vary due to several particular factors which are alien to our knowledge and control and that affect the use of the product (storage, climate, handling, raw-materials, etc.). It is intended to offer to the specialized readers, indications so that they can evaluate the possible applications for this product. The user should always verify the suitability of the film for the specific end-use.

CASFIL - Indústria de Plásticos, S.A.  
 Rua Ponte da Pinguela, n.º265 · Vila das Aves · 4795-099 Aves · Portugal  
 Apartado 20 · 4796-908 Aves · Portugal  
 Tel. (+351) 252 820 100 · Fax (+351) 252 820 109  
 casfil@casfil.pt · www.casfil.pt



01-2014 (07)

## Conformity Declaration

Product: **CAST POLYPROPYLENE CPP FILM**

Date: 05/04/2013

The **Cast Polypropylene CPP** film is produced with raw materials that comply with:

- ✓ 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.
- ✓ The **Commission Regulation (EU) No 10/2011** of 14 January 2011 on plastic materials and articles to come into contact with food, as amended.
- ✓ The **Commission Regulation (EC) No 1895/2005** of 18 November 2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food.
- ✓ The European Parliament and Council **Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste.

This product is manufactured according to the requirements of **Commission Regulation (EC) No 2023/2006** of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food.

According to the information provided by the raw materials suppliers, available till the present moment, some grades that can be used in the production of the **Cast Polypropylene CPP** film may contain the following substances subject to SML:

Ref. No	CAS No	Name	Restrictions and / or specifications	Compliance to the SML
39090	---	N,N-Bis(2-hydroxyethyl)alkyl(C8-C18)amine	SML(T) = 1,2 mg/kg	The Cast Polypropylene film 65 µm was tested for the SML of the substance Ref. no. 39090. These tests certify that the above mentioned film complies with the SML of the substance Ref. no. 39090 for the following food simulants and test conditions: Isooctane, 48 hours at 40°C Ethanol 50%, 10 days at 60°C
74880	000084-74-2	phthalic acid, dibutyl ester (impurity of a technical support agent) (DNBP)	SML = 0,3 mg/kg	On the basis of the residual content of the substance Ref. 74880, a worst case calculation shows that up to a thickness of 250µm (ratio 6 dm <sup>2</sup> /kg), the SML of 0,3mg/kg will not be exceeded.
74640	0000117-81-7	phthalic acid, bis(2-ethylhexyl) ester (impurity of a technical support agent) (DEHP)	SML = 1,5 mg/kg	On the basis of the residual content of the substance Ref. 74640, a worst case calculation shows that up to a thickness of 250µm (ratio 6 dm <sup>2</sup> /kg), the SML of 1,5mg/kg will not be exceeded.

According to the information provided by the raw materials suppliers, available till the present moment, some grades that can be used in the production of the **Cast Polypropylene CPP** film may contain the following "dual use" substance:

Ref. No	CAS No	Name
86240	007631-86-9	Silicon dioxide

CASFIL - Indústria de Plásticos, S.A.

Address: Rua Ponte da Pinguela, n.º265, 4795-099 Vila das Aves

P.O. Box / Apartado 20, 4796-908 Vila das Aves, Portugal

Phone. (+351) 252 820 100 · Fax (+351) 252 820 109 · casfil@casfil.pt · www.casfil.pt





## Conformity Declaration

Product: **CAST POLYPROPYLENE CPP FILM**

Date: 05/04/2013

---

The **Cast Polypropylene CPP** film 65µm was analyzed by an independent laboratory. These tests certify that the above mentioned film complies with the overall migration limit of 10mg/dm<sup>2</sup> for the following food simulants and test conditions:

- Acetic acid 3%, 10days at 40°C (Food simulant B)
- Ethanol 20%, 10 days at 40°C (Food simulant C)
- Ethanol 50%, 10 days at 40°C (Food simulant D1)
- Isooctane, 24 hours at 40°C (Food simulant D2)

We remind you that, in accordance with the Commission Regulation (EU) No 10/2011, the migration shall be measured from the finished food contact articles using real food or the appropriate food simulants at the real time/temperature conditions of use.

It is the customer's responsibility to test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. This declaration only refers to the films in their original form, as supplied by Casfil and does not extend to subsequent modifications.

This declaration shall continue in effect for 1 year from its issue date.

---

Prepared by: Quality Dep.