

## CERTIFICATE OF FOOD CONTACT COMPLIANCE

**Film Grade: HLP5**

**Film Description: Natural LD/LD/EVA 3 layer coextrusion**

We declare that, in the production of the above product, all raw materials and additives are certified by their supplier for food contact applications under EC Directive 2002/72/EC and its amendments up to and including 2008/39/EC and that the film is manufactured in accordance with Regulation (EC) Nos 1935/2004, 2023/2006, 975/2009, 10/2011 and 1282/2011 and 1183/2012.

Substances restricted by Specific Migration Limits (SML):

PM Ref No	CAS No	Chemical name	SML
10120	108-05-4	Vinyl acetate	12mg/kg
68320	2082-79-3	Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	6mg/kg
74880	84-74-2	Di-n-butyl phthalate	0.3mg/kg

We have calculated that the above SML's cannot be exceeded for film thicknesses of **150 microns** and below.

EC Directive 2004/19/EC introduces the concept of 'dual-use' additives – these are substances that are approved and subject to restriction as food additives or flavourings, and may also be present in packaging. No dual-use substances are present in this film:

It is not practical to test each film in our product range so we select films that are considered to be representative of each of the main categories of raw material that we use. Wherever possible we have selected "worst case" examples of these film types, i.e. the thickest film sample available, preferably white pigmented and with a high level of slip additive and then carried out overall migration testing under the conditions of EC directives 82/711/EEC and 85/572/EEC (10 days @ 40°C in simulants B,C and D2). For all films tested, the results show that the total extractables are well below the overall migration limit of 10 mg/dm<sup>2</sup>, without the application of a reduction factor, and so we are confident that all films based on combinations of these raw materials will comply with the aforementioned EC directive.

All raw materials and additives used to produce this film are certified by their supplier to comply with the EC Packaging Waste Directive 94/62/EC and limits set by the USA (Coneg Regulations), which require the combined concentrations of cadmium, mercury, lead and hexavalent chromium to be less than 100ppm. These heavy metals, or derivatives of them, are not intentionally added to any of the raw materials used in the manufacture of this film. Therefore, to the best of our knowledge, the finished product is in compliance with EC directive 94/62/EC and its amendments up to and including 2005/20/EC and the USA Coneg Regulations.

*Please note that it is the responsibility of both the manufacturer of finished food contact articles as well as the industrial food packers to make sure that these articles in their actual use are in compliance with imposed specific and overall migration requirements.*

**Issued By:** Krunal Acharya

**Date Issued:** 03.03.2014

**Position:** Technical Manager