LOTTE CHEMICAL
The 1st Research Team / Research Inst.
#24-1 Jang-Dong, Yuseong-Gu, Daejeon-City,
Korea, 305-726
Homepage) www.lottechem.com

Grade Name	PP
Issue Date	2013.08.05
The person of charge	Eunhee Kim
Tel	82-42-879-1523
E-mail	ehkim@lottechem.com

To whom it may be concerned

We, hereby, certify that PP H1500, J-150, J-560S, J-570S, J-580S, JC-160 and JM-350 comply with the requirements for use in contact with :

1. Substances of Very Hazardous Materials (SVHC)

- None of chemical substances included in the most updated Candidate List (See link to Candidate List of forty six Substances of Very High Concern for authorization updated on 15.12.2010) are contained in this product.

2. Packaging and Packaging Waste (PPW)

- Directive 94/65/EC : This product is under the limit set(100ppm) for heavy metals defined as lead, cadmium, Mercury and chromium(VI)

3. Dual-Use Additives [1]

- None of food additives included in the most updated list (See link to Current EU approved additives and their E numbers updated on 26.11.2010 of Food Standard Agency) are contained in this product.

4. Overall Migration Limit(OML)

- EU Directive 2002/72/EC includes a limit 10mg/dm^2 on the overall migration from finished plastic article into food. This product meets the requirements of the LFGB(Lebensmittel-and Futtermittelgesetzbuch) and Regulation(EC) No 10/2011.
  Please note that it is the responsibility of both the converter and food packers to make sure that the finished products are in compliance with the imposed OML and SML.

[1] Definition of "Dual-Use Additive": Additives that may be used both in certain kinds of food and in its packaging at the same time.

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5. Specific Migration Limit (SML)

- Substance(s) with specific migration limit (SML) are as follows:

· Substance name: octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate

· Cas-No: 0002082-79-3

· SML: 6 mg/kg

This product meets the requirements of the LFGB and Regulation (EC) No 10/2011.
Please note that it is the responsibility of both the converter and food packers to make sure that the finished products are in compliance with the imposed OML and SML.

This statement is based on our current level of knowledge and covers commercial and experimental resins as supplied by LOTTE Chemical Corp. at the date of issue. Since conditions of use are outside of LOTTE Chemical Corp.'s control, LOTTE Chemical Corp. makes no warranties expressed or implies and assumes no liability in connection with any use of this information.

2013. 8. 05.

S. M. Jeong

Seung-Moon Jeong

The 1st Research Team

LOTTE Chemical Corp. / Research Inst.