



TITAN PETCHEM (M) SDN. BHD. (154990 W)

(Formerly known as Titan PP Polymers (M) Sdn. Bhd.)

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To Whom It May Concern:

Subject : Letter of confirmation

Phthalate plasticizers specifically bis (2-ethylhexyl) phthalate (DEHP), di-isononyl phthalate (DINP), di-isodecyl phthalate (DIDP), dibutyl phthalate (DBP), di-isobutyl phthalate (DIBP), diisooheptyl phthalate (DIHP), di (n-octyl) phthalate (DNOP), di-n-hexyl phthalate and benzyl butyl phthalate (BBP) are not intentionally added during the manufacturing of Titanpro Polypropylene resin.

To the best of our knowledge, di-isobutyl phthalate (DIBP) could be a minor component of the catalyst system used to manufacture some of the base polyolefin resins. An impurity of DIBP is di-n-butyl phthalate (DNBP) or sometimes referred to as dibutyl phthalate (DBP). During processing DIBP reacts and converts to diethyl phthalate (DEP) and ethyl isobutyl phthalate. The total phthalate content in this case may contain not more than 25 ppm. It does not exceed the 1000 ppm level as indicated by EU Directive 2005/84/EC.

According to EU Phthalates Directive 2005/84/EC, the restrictions for bis (2-ethylhexyl phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), di-isononyl phthalate (DINP), di-isodecyl phthalate (DIDP) and di(n-octyl) phthalate (DNOP) is < 0.1% by mass or < 1000ppm by mass.

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Should you need more information, please contact our Technical Service Department.

This is a computer generated document, no signature is required.

The above information supplied is to the best of our knowledge. However, since the actual conditions of use and the specific uses of our products are beyond our control, the user necessarily assumes all risks of their uses. As such, all users must make their own determination that the uses of our products are safe, lawful, and technically suitable in its intended applications.

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