

Refining & Chemicals

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CERTIFICATE N° 38199

Feluy, July 2, 2018

POLYPROPYLENE PPR 3221 grade as produced in Europe**Statement of compliance for food contact applications in China:****GB 4806.1-2016:**

To the best of our knowledge we confirm that **POLYPROPYLENE PPR 3221** has been manufactured according to the requirements laid down by the General Hygiene Norm **GB 31603-2015**.

GB 4806.6 -2016:

POLYPROPYLENE PPR 3221 comprises a resin which is listed in GB 4806.6 Table A1, item 29 (Copolymers of propylene with ethylene as monomer) and complies with applicable provisions of Annex for that resin.

GB 9685-2016:

We confirm that any and all intentional additives (*) used in the manufacturing of **POLYPROPYLENE PPR 3221** sold and supplied by TOTAL REFINING & CHEMICALS, are listed in the Table A.2 of GB 2760-2014 (food additives standard) or are listed in the Table A.1 in GB 9685-2016 for use in PP, The National Food Safety Standard for Uses of Additives in Food Contact Materials and Articles; specifically:

The dosages of these additives added in **POLYPROPYLENE PPR 3221** are below the maximum dosage permitted by GB 9685-2016. *There is (are) a (some) substance(s) used in the formulation of this product for which a Specific Limit of Migration (and/or Maximum Permitted Quantity specification) has been set in GB 9685-2016.*

Proprietary Substances:

For the proprietary substances as listed in the GB9685-2016 or in the GB 2760-2014, we will provide such information needed to perform the migration measurements upon request. The downstream user must contact us for additional, and you must inform the downstream user accordingly.

It pertains also to downstream users to check by appropriate specific migration tests on the final material or article the suitability for contact with different food-types and various end-use conditions. However these are beyond the control of TOTAL RESEARCH & TECHNOLOGY FELUY and are a part of the responsibility of the user of the above-mentioned Product.

Moreover we inform you that the specific migration result is influenced by the conditions of use e.g. temperature, type of packaged foodstuff (fatty food, aqueous food, thickness). Consequently the packaging has to be controlled following the specific end-use conditions of use.

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This document does not automatically apply to subsequent revisions of the China GB 9685-2016, The National Food Safety Standard for Uses of Additives in Food Contact Materials and Articles and GB 2760-2014 the Food additive standard. Further revisions will be evaluated by this Company at the time of publication of revisions.

The information and certification provided herein are based on the best available data that we believe to be reliable and to the best of our knowledge, which will apply only to the specific **POLYPROPYLENE PPR 3221** sold and supplied by TOTAL REFINING & CHEMICALS and do not apply to any use in any process or in combination with any other material.

This document is prepared and provided upon the request of and without charge to our customers. TOTAL RESEARCH & TECHNOLOGY FELUY makes no warranties, express or implied, and assumes no liability in connection with any use of this information.

Definition:

(*) Additives according GB 9685-2016 are substances used during the production process of food contact materials and products intended to or assisting to improve the quality and characteristics; also include the processing aids added during the production process of the food containers and packaging materials to assist the production process but not intended to improve the quality and characteristics of end products.

DISCLAIMER:

Our certificate is only valid for as far as above mentioned Product was bought from Total or its distributor and does not cover:

- Any modification of the above-mentioned Product by any addition of any other product or ingredient to it;
- Any prejudicial modification of the above-mentioned Product resulting from a processing of it;
- An inadequate use and/or storage of the above-mentioned Product and/or of the finished articles.

Unless specifically indicated in a regulatory certificate of compliance, the products mentioned herein are not suitable for applications in the pharmaceutical or medical sector. Under no circumstances are any products sold by Total Refining & Chemicals suitable for human or animal in the following applications: (i) implantable devices intended for human or animal body (ii) Devices intended to be used in contact with internal body fluids (iii) Devices intended to be used in contact with internal body tissues.



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Information contained in this publication is true and accurate at the time of publication and to the best of our knowledge. The nominal values stated herein are obtained using laboratory test specimens. Before using one of the products mentioned herein, customers and other users should take all care in determining the suitability of such product for the intended use. The Companies within Total Refining & Chemicals do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The Companies disclaim any liability that may be claimed for infringement or alleged infringement of patents.

The present certificate is valid for a period of eighteen months starting from the date first above written. Upon the expiration of this certificate, we can issue a new one at your request. In case of change during this period a new certificate will be issued automatically; kindly forward it to any recipient of the present certificate.

TOTAL RESEARCH & TECHNOLOGY FELUY

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Issued by an electronic system