



Ti-Pure™
Titanium Dioxide

Chinese Food Contact Status of Ti-Pure™ Titanium Dioxide Pigments

Plastics

Ti-Pure products are acceptable for packaging materials for food contact uses under Standard GB 9685-2016 per the following limitations:

Grade	Limitation
R-104 R-350	24 wt% maximum loading and is acceptable for the following plastics: Polyethylene (PE); Polypropylene (PP); Acrylic Styrene (AS); Polystyrene (PS); Acrylonitrile Butadiene Styrene (ABS); Polycarbonate (PC); Polyamide (PA); Polyvinyl dichloride (PVDC); Polyethylene Terephthalate (PET); Polyvinyl chloride (PVC); Unsaturated Polyester (UP)
R-105	Acceptable for the following plastics: Polyethylene (PE); Polypropylene (PP); Polystyrene (PS); Acrylic Styrene (AS); Acrylonitrile Butadiene Styrene (ABS); Polycarbonate (PC); Polyvinyl chloride (PVC); Polyvinyl dichloride (PVDC); Polyamide (PA); Polyethylene Terephthalate (PET) – 50% max
R-900 R-960	Acceptable for the following plastics Polyethylene (PE); Polypropylene (PP); Acrylic Styrene (AS); Polystyrene (PS); Acrylonitrile Butadiene Styrene (ABS); Polycarbonate (PC); Polyamide (PA); Polyvinyl dichloride (PVDC); Polyethylene Terephthalate (PET); Polyvinyl chloride (PVC); Unsaturated Polyester (UP)

Paper and Paperboard

Ti-Pure™ titanium dioxide pigment R-900 is acceptable for packaging materials for food contact uses under Standard GB 9685-2016, and subsequent amendments, for use in paper.

Coatings

Ti-Pure™ titanium dioxide pigment grades: R-900, R-960, and TS-6706 are acceptable for packaging materials for food contact uses under Standard GB 9685-2016, and subsequent amendments, for use in coatings without limitations.

Aluminum Oxide in Surface Treatments

For Ti-Pure™ grades that contain aluminum-based surface treatment components, Chemours reports aluminum content on a total oxide basis for product identity. This reporting format does not reflect the regulatory distinction between aluminum oxide (Al_2O_3 , FCA1102) and aluminum

hydroxide ($\text{Al}(\text{OH})_3$), which are regulated separately under GB 9685. Only the portion of the surface treatment present as aluminum oxide is subject to the maximum addition limits established for FCA1102, which include a maximum addition level of 17% in food contact coatings and 2% in paper and paperboard, printing inks, rubber and silicone rubber. The downstream user is responsible for determining the level of aluminum oxide from all raw materials in the final article and for confirming compliance with the applicable conditions of use in GB 9685. Only the portion of the surface treatment present as aluminum oxide is subject to the maximum addition limits established for FCA1102, which include a maximum addition level of 17% in food contact coatings and 2% in paper and paperboard, printing inks, rubber and silicone rubber. The downstream user is responsible for determining the level of aluminum oxide from all raw materials in the final article and for confirming compliance with the applicable conditions of use in GB 9685.

The present review only refers to food-contact applications. Ti-Pure™ products may not be directly added

to food, pharmaceuticals, cosmetics, or cigarette papers/filters for tobacco products. Ti-Pure™ products may not be used in the manufacture of any medical device for implantation in the human body without prior written agreement of Chemours.

Further questions should be directed to

TiO2ProductStewardship@chemours.com

CAUTION: Do not use or resell Chemours™ materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless agreed to by Chemours in a written agreement covering such use. For further information, please contact your Chemours representative. These materials may not be directly added to food, pharmaceuticals, cosmetics, or cigarette papers or filters for tobacco products.

The foregoing applies solely to direct addition. This statement does not address, and should not be interpreted as determining, the suitability of Chemours products for use as components of materials or articles intended to come into contact with food. Where such uses are contemplated, the customer or other downstream user is solely responsible for determining and ensuring that the finished material or article complies with all applicable food contact laws and regulations in the relevant jurisdiction(s), including any applicable use, migration limits, good manufacturing practice requirements, and documentation or declaration obligations.

For medical emergencies, spills, or other critical situations, call +1 844 773 2436 for those within the United States or Canada. For those calling from other countries, call +1 302 773 1000, using the appropriate international access prefix. If immediate assistance is required, contact local emergency services.

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