



**DECLARATION OF COMPLIANCE FOR MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOOD <sup>(1)</sup>**

Date of issue: 31/3/2011 <sup>(2)</sup>

**Quadrant PHS Deutschland GmbH**  
Weberstr. 2  
48691 Vreden  
GERMANY.

issuer of this declaration and manufacturer of the products concerned hereby confirms that the **semi-finished products** (hereafter called "products"):

**"Food Grade TIVAR<sup>®</sup> MD" plates (PE-UHMW) <sup>(3)</sup>**

- comply with the requirements of the Regulation (EC) No 1935/2004,
- comply with the relevant requirements of the Directive 2002/72/EC as amended up to and including Commission Regulation (EC) No 975/2009,
- are manufactured according to Good Manufacturing Practice (GMP) as set out in Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food.

Based on migration tests performed on the products according to Directives 82/711/EEC and 85/572/EEC as amended, the overall migration as well as the specific migration do not exceed the legal limits set out in Directive 2002/72/EC **when used as specified below.**

Specifications on the intended use of the products:

- Type(s) of food intended to come into repeated contact with the material:  
**All types of food**
- Type(s) of food NOT intended to come into repeated contact with the material:  
**Not applicable**
- Time and temperature of treatment and storage when in contact with the food:  
**Tested in 3 % acetic acid (10 days, 40 °C), 10 % ethanol (10 days, 40 °C), iso-octane (2 h, 60 °C) and 95 % ethanol (4 h, 60 °C)**  
**Tested on "visible migration" according to the analytical method described in the Appendix of European Resolution AP (89)1, "On the use of colorants in plastic materials coming into contact with food", dated September 13, 1989, under III.1.**
- Ratio of food contact surface area to volume (S/V) used to establish the compliance of the material:  
**S/V = 6**

The following substances subject to restrictions under Directive 2002/72/EC as amended are used in the products:

Chemical name of the substances	Restrictions
Metal powder	SML(T) = 5 mg/kg (expressed as copper); SML = 48 mg/kg (expressed as iron)

Copyright © 2011 The Quadrant group of companies. All rights reserved. - Date of issue: March 31, 2011



It remains the responsibility of the customer putting the plastics article manufactured from the products into the intended use, to assess the final suitability of the plastics material for the intended food contact application; i.e. checking if the physical properties of the plastics material make it suitable for the intended application, checking compliance of the finished plastics article with the relevant migration limits, checking for possible influence of the plastics material on the composition and/or organoleptic properties of the contacting foodstuff, etc..

- (<sup>1</sup>) Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC – Article 16.
- (<sup>2</sup>) This declaration expires 3 years after its date of issue or in case of regulatory or compositional changes which require its re-evaluation. New declarations are published on our website in case of alterations; previous declarations then automatically become void. Please always consult our website for the latest version.
- (<sup>3</sup>) For information about the available dimensions, please contact your Quadrant EPP sales office.

NOTES:

- Finished food contact articles shall be manufactured such that the surface skin(s) of the semi-finished products is (are) taken away.
- In accordance with good manufacturing practice, finished food contact articles shall be thoroughly cleansed prior to their first use in contact with food.
- This declaration of compliance is only valid for semi-finished products that are carrying the Quadrant "for food contact label" (sticker), the relevant Quadrant "trade name label" (sticker) and the label (sticker) carrying the unique 'production order number' that allows traceability.
- It is the responsibility of the buyer to assure the traceability of the material during any further downstream use up to and including the finish machined part as well as the equipment in which it is assembled.
- Other language versions of this declaration of compliance can be downloaded from the Quadrant website [www.quadrantplastics.com/eu-en](http://www.quadrantplastics.com/eu-en).

**TIVAR®** is a registered trademark of the **Quadrant Group**.

This document and any data and specifications presented on our website shall provide promotional and general information about the Engineering Plastic Products (the "Products") manufactured and offered by Quadrant Engineering Plastic Products ("Quadrant") and shall serve as a preliminary guide. All data and descriptions relating to the Products are of an indicative nature only. Neither this document nor any data and specifications presented on our website shall create or be implied to create any legal or contractual obligation.

Any illustration of the possible fields of application of the Products shall merely demonstrate the potential of these Products, but any such description does not constitute any kind of covenant whatsoever. Irrespective of any tests that Quadrant may have carried out with respect to any Product, Quadrant does not possess expertise in evaluating the suitability of its materials or Products for use in specific applications or products manufactured or offered by the customer respectively. The choice of the most suitable plastics material depends on available chemical resistance data and practical experience, but often preliminary testing of the finished plastics part under actual service conditions (right chemical, concentration, temperature and contact time, as well as other conditions) is required to assess its final suitability for the given application. It thus remains the customer's sole responsibility to test and assess the suitability and compatibility of Quadrant's Products for its intended applications, processes and uses, and to choose those Products which according to its assessment meet the requirements applicable to the specific use of the finished product. The customer undertakes all liability in respect of the application, processing or use of the aforementioned information or product, or any consequence thereof, and shall verify its quality and other properties.