

Thermit Food contact statement

Product Brand:	Polyco
Product Description:	Thermit
Product Code:	780

Polyco Healthline Ltd hereby declares that the above-mentioned products were tested in accordance with the following:

- Tested in accordance with the overall and specification limit requirements of Commission Regulation (EU) No. 10/2011 (Published on 23rd September 2020 incorporating 15 amendments.)
- Testing was carried out to the requirements for repeat use articles, where three successive extractions were compared to the overall and specific migration limits.

Testing required:

- EN1186-3:2002 – Materials and articles in contact with foodstuffs – Plastics – Test methods for overall migration in aqueous food simulants by total immersion for 30 minutes at 40°C.
 - 10% Ethanol (Simulant A Commission Regulation (EU) No. 10/2011).
 - 3% Acetic Acid (Simulant B in Commission Regulation (EU) No. 10/2011).
- EN1186-14:2002 – Materials and articles in contact with foodstuffs – Plastics – Test methods 'Substitute tests' for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane and 95% Ethanol by total immersion for 30 minutes at 40°C.
 - Iso-octane
 - 95% Ethanol

Test results:

Overall migration test:

Simulant used	Test condition	Limit mg/dm ²	Result mg/dm ²
3% Acetic acid	40°C / 30 minutes	10	<1.0
50% Ethanol	40°C / 30 minutes	10	2.1
95% Ethanol	40°C / 30 minutes	10	1.3
Iso Octane	40°C / 30 minutes	10	<1.0

Note: The test data is obtained by considering the articles intended for repeated use as per EN 1186 reporting the 3rd extractive result; this was conducted on three separate samples and the average 3rd extractive result recorded in the table above.

Specific migration test:

Test item	Limit mg/kg	Result mg/kg
Aluminium	1.0	<0.05
Ammonium	*	<1.0
Antimony	0.04	<0.04
Arsenic	ND	<0.01
Barium	1	<0.05
Cadmium	ND	<0.002
Calcium	*	<0.05
Chromium	ND	<0.01
Cobalt	0.05	<0.05
Copper	5	<0.05
Iron	48	<0.05
Lead	ND	<0.01
Lithium	0.6	<0.05
Magnesium	*	<0.05
Manganese	0.6	<0.05
Mercury	ND	<0.01
Nickel	0.02	<0.02
Potassium	*	<0.05
Sodium	*	0.48
Zinc	5	0.06

Note: ND denotes not detected

Note: *In accordance with Commission Regulation (EU) No. 10/2011 Annex V Chapter 2 the specific migration in the section test shall not exceed the level observed in the first test, and the specific migration in the third test shall not exceed the level observed in the second test. Compliance of the material or article shall then be verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third migration test.

Note: For repeat use only.

This declaration is supported by Test Reports: CHM0340881 2247 2, Satra Technology.

Suitable Food Types

Beverages	Clear beverages: non-alcoholic, or alcoholic with ≤6% alcohol content	Suitable
	Cloudy beverages: non-alcoholic, or alcoholic with ≤6% alcohol content	Suitable
	Alcoholic beverages with 6 - 20% alcohol content	Suitable
	Alcoholic beverages with >20% alcohol content and all cream liqueurs	Suitable
	Miscellaneous: undenatured ethyl alcohol	Suitable
Bread, cereals, pastries, cakes, etc.	Starches, cereals, flour, meal, dry pasta and similar products, fresh pasta	Suitable
	Bread, pastry, biscuits, cakes, and similar products: dry or fresh; with fats or oils on the surface	Suitable
	Bread, pastry, biscuits, cakes, and similar products: dry or fresh; without fats or oils on the surface	Suitable
Chocolate, sugar, and confectionery products	Chocolate, chocolate-coated products, and chocolate substitutes	Suitable
	Confectionery products in solid or paste form, with fatty substances on the surface	Suitable
	Confectionery products in solid form, without fatty substances on the surface	Suitable
	Confectionery products in moist form, without fatty substances on the surface	Suitable
	Sugar and sugar products in solid form; crystalline or powdered	Suitable
	Molasses, sugar syrups, honey	Suitable
Fruits and vegetables	Fruit and vegetables, unpeeled and uncut	Suitable
	Fruit and vegetables, peeled and/or cut	Suitable
	Processed fruit and vegetables, dried or dehydrated	Suitable
	Processed fruit and vegetables in purée form	Suitable
	Preserved fruit, in an oily medium	Suitable
	Preserved vegetables, in an oily medium	Suitable
	Preserved fruit and vegetables, in an alcoholic medium	Suitable
	Nuts: shelled and roasted, or shelled and dried, flaked, or powdered	Suitable
	Nuts: paste or cream form	Suitable
Fats and oils	Animal and vegetable fats and oils, natural or treated (cocoa butter, lard, olive oil, etc.)	Suitable
	Margarine, butter, and other fats and oils made from water emulsions in oil	Suitable
Animal products (meat, seafood, eggs, etc.)	Fish: fresh, chilled, processed, smoked or salted, including fish eggs	Suitable
	Fish, crustaceans, and molluscs: preserved in an oily medium	Suitable
	Fish, crustaceans, and molluscs: preserved in an aqueous medium	Suitable
	Crustaceans and molluscs: fresh within the shell	Suitable
	Meat and processed meat products: fresh, chilled, salted, or smoked	Suitable
	Marinated meat: in an oily medium	Suitable
	Preserved meat: in a fatty or oily medium	Suitable
	Preserved meat: in an aqueous medium	Suitable
	Whole eggs, egg yolk, or egg white: powdered, dried, or frozen	Suitable
	Egg yolk or egg white: liquid or cooked	Suitable

Dairy products	Whole, skimmed, or partly dried milk	Suitable
	Milk powder, including infant formula	Suitable
	Cream, sour cream, and fermented milk (yoghurt, buttermilk, etc.)	Suitable
	Cheese: whole, with inedible rind	Suitable
	Cheese: without rind or with edible rind	Suitable
	Cheese: processed and soft cheeses	Suitable
	Preserved cheese: in an oily medium	Suitable
	Preserved cheese: in an aqueous medium	Suitable
Miscellaneous - condiments and sauces	Sauces: with aqueous character	Suitable
	Sauces: with fatty character (e.g., mayonnaise, salad creams)	Suitable
	Mustard	Suitable
	Vinegar	Suitable
Miscellaneous - mixed foods	Sandwiches, toasted bread, pizza: with fatty topping/fillings	Suitable
	Sandwiches, toasted bread, pizza: without fatty toppings/fillings	Suitable
	Soups, sauces, broths: powdered or dried with fatty characters	Suitable
	Soups, sauces, broths: powdered or dried without fatty characters	Suitable
	Soups, sauces, broths: in any other form with fatty characters	Suitable
	Soups, sauces, broths: in any other form without fatty characters	Suitable
	Fried or roasted foods of vegetable origin (fried potatoes, fritters)	Suitable
	Fried or roasted foods of animal origin	Suitable
Miscellaneous - others	Dried foods: with fatty substances on the surface	Suitable
	Dried foods: without fatty substances on the surface	Suitable
	Herbs and spices	Suitable
	Spices and seasoning in an oily medium (e.g., pesto, curry paste)	Suitable
	Coffee and coffee substitutes: granulated or powdered	Suitable
	Cocoa powder	Suitable
	Cocoa paste	Suitable
	Concentrated extracts with ≥6% alcohol content	Suitable
	Frozen or deep-frozen foods	Suitable
	Ice-creams	Suitable