

TECHNICAL DATA SHEET

PRODUCT DATA

Reference: 071707

Commercial denomination: MARS® TWIX® COOKIE

Legal denomination: Cookies with milk chocolate chips and caramel filling, frozen.

Box EAN code: 5056357905159

Pack EAN code:

Unit EAN code: 8424465933697

PRODUCT INFORMATION

› SHELF LIFE

Primary shelf life: 365 days

Secondary shelf life: 10 days at room temperature

**The shelf life of the product may vary depending on the storage, preparation and exposure conditions of the finished product.*

› STORAGE AND PREPARATION ADVICE

Storage: Keep at a temperature of -18,0 °C. Once thawed do not refreeze.

Preparation: Thaw at: 1 hours at room temperature

Ferment: -

Bake at: -

Recommended preparation advice: Keep at -18°C. Once defrosted, do not refreeze. Thaw the product for 1h at room temperature and consume.

**The cooking and defrosting times are approximate depending on the conditions and temperature of the commercial premises.*

› LIST OF INGREDIENTS

Ingredients: WHEAT Flour, Milk Chocolate Chips (20%) (Sugar, Cocoa Butter, SkimmedMILK Powder, Cocoa Mass, Lactose (MILK), Whey Protein Concentrate (MILK), Palm Fat, Whey Powder (MILK), MILK Fat, Emulsifier (SOYA Lecithin), Vanilla Extract), Sugar, Margarine (Vegetable Oils (Palm, Coconut, Rapeseed), Water, Emulsifier (Mono- and Diglycerides of Fatty Acids), Acidity Regulator (Citric Acid)), Caramel Filling (12%) (Sugar, Glucose Syrup, Water, Invert Sugar Syrup, Palm Fat, Coconut Fat, Modified Starch, Skimmed MILK Powder, MILK Fat, Thickener (Pectin, Carrageenan), Salt, Caramelised Sugar Syrup, Carrot Concentrate, Lactose (MILK), Whey Protein Concentrate (MILK), Flavouring, Whey Powder (MILK), Vanilla Extract, Acidity Regulator (Sodium Bicarbonate)), EGG, Raising Agents (Disodium Pyrophosphate, Sodium Bicarbonate), Vanilla Extract, WHEAT Starch, Iodized Salt, Colour (Carotene, Ammonia Caramel)

May contain traces of: Peanut, nuts.

› SUBSTANCES OR PRODUCTS THAT CAUSE ALLERGIES OR INTOLERANCES

	Presence as ingredient	Presence as trace
Cereals containing gluten (included their hybridised strains and products thereof)	X	-
Wheat	X	-
Rye	-	-
Barley	-	-
Oats	-	-
Spelt	-	-
Kamut	-	-
Crustaceans and products thereof	-	-
Eggs and products thereof	X	-
Fish and products thereof	-	-
Peanuts and products thereof	-	X
Soybeans and products thereof	X	-
Milk and products thereof (including lactose)	X	-
Nuts and products thereof	-	X
Almonds	-	X
Hazelnuts	-	X
Walnuts	-	X

	Presence as ingredient	Presence as trace
Cashews	-	X
Brazil nuts	-	X
Pistachio nuts	-	-
Pecan nuts	-	X
Macadamia or Queensland nuts	-	X
Celery and products thereof	-	-
Mustard and products thereof	-	-
Sesame seeds and products thereof	-	-
Sulphur dioxide and sulphites at concentrations >10mg/kg or 10mg/litre in terms of the total SO₂	-	-
Lupin and products thereof	-	-
Molluscs and products thereof	-	-

► NUTRITION DECLARATION PER 100g

	Ready-to-eat product	Packaged product
Energy	442 kJ	-
	1849 kcal	-
Fat	21 g	-
<i>of which:</i>		
- saturates	11 g	-
- mono-unsaturates	5,3 g	-
- polyunsaturates	1,7 g	-
- trans	-	-
- Omega-3 Fatty Acids	-	-
Carbohydrates	58 g	-
<i>of which:</i>		
- sugars	38 g	-
Fibre	0,7 g	-
Protein	4,5 g	-
Salt	0,85 g	0,00 g
Sodium	348 mg	-
Cholesterol	-	-

*The reported nutritional values of the ready-to-eat product has been reported according to the preparation instructions suggested in the recommended preparation advice section.

► WEIGHTS, MEASURES AND DEVIATIONS

Packaged product	Minimum	Average	Maximum
Weight (g)	45	45	45
- Dough (g)		45	
- Filling (g)		-	
- Coating (g)		-	
- Topping (g)		-	
Length / Diameter (mm)	90	90	90
Width (mm)	-	-	-
Height (mm)	15	15	15
Approximate weight baked product	45 g		Pack weight -

*The weight of the baked product may vary depending on the baking conditions of the finished product.

► ORGANOLEPTIC CHARACTERISTICS OF READY-TO-EAT PRODUCT

Colour: Golden brown

Smell: Chocolate, caramel, typical cookie

Flavour: Chocolate, caramel, typical cookie

Appearance: Chocolate, caramel, typical cookie

*The organoleptic characteristics of the product may vary depending on the storage, preparation and exhibition conditions of the finished product.

➤ MICROBIOLOGICAL SPECIFICATIONS ON PACKAGED PRODUCT

	n	c	m (ufc/g)	M
Aerobic mesophilic bacteria	1	-	1,0e4 ufc/g	-
Anaerobic bacteria	-	-	-	-
Enterobacteriaceae	-	-	-	-
Total Coliform bacteria	1	-	1,0e2 ufc/g	-
<i>Escherichia coli</i>	1	-	1,0e1 ufc/g	-
<i>Coagulase-positive staphylococci</i>	1	-	1,0e1 ufc/g	-
<i>Bacillus cereus</i> presuntive	-	-	-	-
<i>Clostridium perfringens</i>	-	-	-	-
<i>Clostridium perfringens</i>	-	-	-	-
Moulds	-	-	-	-
Yeasts	-	-	-	-
<i>Salmonella spp</i>	1	-	*	-
<i>Listeria monocytogenes</i>	5	-	*	-

*Not detected

n → number of units in the sample.

c → number of units in the sample, whose bacteria number could be between m and M. The sample will continue to be considered acceptable if the other units have a number of bacteria less than or equal to m.

m → threshold value of the number of bacteria. The result will be considered satisfactory if all the units that make up the sample have a number of bacteria equal to or less than m.

M → limit value of the number of bacteria. The result will be considered unsatisfactory if one or more units that make up the sample have a number of bacteria equal to or greater than M.

PACKAGING AND PALLETIZING INFORMATION

➤ PACKAGINGS

	Carton	Label	Seal	Bag
Approximate weight (g)	242,00	2,00	-	10,00
Internal measures (mm)	393x293x90	-	-	-
External measures (mm)	399x303x100	120x100x0	-	420x140x550
Material	KB CS	SAT+ADH	-	PEAD
Thickness (mm)	-	-	-	-
Colour (mm)	White	Transparent	-	Transparent
Recyclable*	+	+	-	+

➤ OTHER PACKAGINGS

	-	-	-	-	-	-	-
Approximate weight (g)	-	-	-	-	-	-	-
Internal measures (mm)	-	-	-	-	-	-	-
External measures (mm)	-	-	-	-	-	-	-
Material	-	-	-	-	-	-	-
Thickness (mm)	-	-	-	-	-	-	-
Colour	-	-	-	-	-	-	-
Recyclable*	-	-	-	-	-	-	-

*+=Yes / -=No



> PALLETIZING

Bag



Units	Net weight (kg)	Gross weight (kg)
40	1.8	2.1

Pallet



Boxes/layer	Layers	Total boxes	Weight (kg)	Height (m)	Pallet type
8	17	136	311	1.85	-

PICTURE OF READY-TO-EAT PRODUCT



CERTIFICATIONS AND CLAIMS OR STAMPS OF COMMUNICATION

> CERTIFICATIONS:

> CLAIMS OR STAMPS OF COMMUNICATION:

APPLICABLE REGULATIONS

- Regulation (EC) 852/2004, and subsequent modifications, regarding the hygiene of food products.
- Regulation (EC) 2073/2005, and subsequent modifications, regarding specific microbiological criteria applicable to food products.
- Regulation (EC) 396/2005, and subsequent modifications, regarding the maximum limits of pesticide residues in food and feed of plant and animal origin.
- Regulation (EU) 915/2023, and subsequent modifications, by which the maximum content of contaminating specifications in food products is set.
- Regulation (EU) 1169/2011, subsequent modifications, on food information provided to the consumer.
- Regulation (EC) 1333/2008, and subsequent modifications, on food additives.
- GMO (Genetically Modified Organism) and Ionizing Radiations: The raw materials used in the production of this product have not been treated with ionizing radiation and do not contain or come from Genetically Modified Organisms (GMO) and therefore do not have special labeling. Applicable legislation:
 - Regulation (EC) 1829/2003, subsequent modifications, on genetically modified food and feed.
 - Regulation (EC) 1830/2003, subsequent modifications, regarding the traceability and labeling of genetically modified organisms.