

	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2004/LP-16
	<i>Wax for plasticine</i>	Edition no.	14
		Date (last actualization)	September 11th, 2025

1. INTRODUCTION

1.1 Subject. The subject of this document is wax for plasticine, which is a blend of slack wax and distillate of crude oil.

1.2. Range of the WT subject usage. The product is used for production of plasticine. The product could be designed for contact with foodstuffs.

2. LABELLING

2.1. Labelling examples:

Wosk do plasteliny WT-2004/LP-16

3. QUALITY REQUIREMENTS AND TEST METHODS

3.1. Standard parameters and test methods – according to the table 1.

Table 1. Quality requirements valid for each batch of product.

Parameters	Unit	Wax for plasticine Parameter value	Test method
a) Drop melting point	°C	min. 70	PN-ISO 6244:2012
b) Acidity number	mg KOH/g	max. 0,1	PN-ISO 6618:2011
c) pH of water extract	-	neutral	PN-C-04064:1984
d) Ash remainder	%	max. 0,1	PN-EN ISO 6245:2008
e) Flash point	°C	min. 170	PN-EN ISO 2592:2017-10 ASTM D 92-97
f) Kinematic viscosity at 100°C	mm ² /s	9 - 13	PN-EN ISO 3104:2004
g) Needle penetration at 25°C	1/10 mm	evaluate, indicate in certificate	PN-C-04313:2018-02 ASTM D 1321
h) Appearance	-	homogenous mass with consistence of soft paraffin	Visual
i) Odour	-	max. 2	ASTM D 1833
j) Colour	-	max. 1	ASTM D 1500

3.2. Sample taking – according to PN-EN ISO 3170:2006.

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1 Packaging.

Wax for plasticine is stored in a following way:

- Liquid loose in heated storage tanks,
- Cardboards 20 kg.

Way of packing covered by GMP:

- Cardboards 20 kg.

These methods of packaging and storage are in accordance with the regulations of transportation of petroleum products described in national and international transportation law.

It is admitted to use other kind of packages previously agreed between recipient, producer and carrier, in condition that product is protected well.

On each package should be placed a label with at least following information:

- a) producer name,
- b) address of producer
- c) labelling according to the point 2.,
- d) mass net or volume,
- e) date of production,
- f) control number.

4.2 Storage. Wax for plasticine should be stored in temperature not higher then 30°C, in closed packages in a shaded places protecting against direct access of sun (UV radiation), humidity and mechanical impurities, far from heat radiators. The cardboards shouldn't be pile up above four layers. Shelf Life of the product stored in accordance with the above guidelines is 5 years.

4.3 Transportation. The product is not classified as dangerous when shipped by all means of transport and is not a subject of the transportation regulations RID/ADR.

5. ADDITIONAL INFORMATION

5.1. Institution preparing WT: Polwax S.A., Jasło, Poland.

5.2. Standards and referenced documents

PN-EN ISO 3170:2006 Petroleum liquids. Manual sampling.

Other standards related: table 1.

Checked:

SZEF BIURA TECHNOLOGII


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