

 polWAX <small>Parafiny przemysłowe</small> Polwax S.A.	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2013/LP-68
	<i>Wax green special</i>	Edition no.	7
		Date <small>(last actualization)</small>	September 25th, 2018

1. INTRODUCTION

- 1.1. Subject.** The subject of this document is *Wax green special*, which is a mixture of paraffin materials coloured by addition of green fatty pigment.
- 1.2. Range of the WT subject usage.** The product is used as a protecting agent for seedlings of trees and bushes against drying up.

2. LABELLING

2.1. Labelling examples:

Wosk zielony specjalny WT-2013/LP-68

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	<i>Wax green special</i> parameter value	Test method
Congealing point	°C	62-72	PN-ISO 2207:2011 ASTM D 938
Drop melting point	°C	min. 68	PN-ISO 6244:2012
Needle penetration at 25°C	1/mm	max. 27	PN-C-04313:2018 ASTM D 1321
Oil content (X)	% (m/m)	0,5 - 1,1	PN-C-04160:1980 ASTM D 721-97
Kinematic viscosity at 100°C (X)	mm ² /s	10-16	PN-EN ISO 3104:2004
Acid number (X)	mgKOH/g	max. 0,1	PN-EN ISO 6245:2008 ASTM D 482
Saponification number (X)	mgKOH/g	evaluated, indicated in certificate	PN-EN ISO 6293-2:2010
Appearance	-	green homogenous mass	Visual

(X) – evaluate before colouring

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

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1. Packaging. *Wax green special* is packed and stored in following way:

- in cardboards max. 20kg and max. 600kg per pallet,
- pastilles in polyethylene bags 20 kg on a wooden pallet 600 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 green special* should be stored in closed packages in a shaded places protecting against direct access of sun, humidity and mechanical impurities, far from heat radiators, at temperatures not exceeding 40°C. Shelf Life of the product stored in accordance with the above guidelines is 3 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., Jaslo, Poland.

5.2. Standards and referenced documents

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

Other standards related: table 1.

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