1. INTRODUCTION

1.1. Subject. The subject of this document is Paraffin PWX FLEX, obtained from the processing of crude oil, is a mixture of solid, high molecular weight hydrocarbons, primarily n-paraffinic and iso-paraffinic hydrocarbons.

1.2. Range of the WT subject usage. Paraffin PWX FLEX is used as mainly used for the production of high quality candles, primarily for the production of votive candles as well as in other industries.

2. LABELLING

2.1. Labelling examples:

Paraffin PWX FLEX **WT-2020/LP-126**

PWX FLEX **WT-2020/LP-126**

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	Parameter value **Paraffin PWX FLEX**	Test method
a) Congealing point	°C	54,0 – 62,0	PN-ISO 2207:2011 ASTM D 938
b) Flash point,(o.c.)	°C	min. 180	PN-EN ISO2592:2008 ASTM D 92-97
c) Mechanical impurities and water content	-	not present	PN-C-96115:1974
d) Oil content	%	max. 5,0	PN-C-04160:1980 ASTM D 721-97
e) pH of water extract	-	neutral	PN-C-04064:1984
f) Needle penetration at 25°C	$mm \cdot 10^{-1}$	16 - 40	PN-C-04313:2018 ASTM D 1321
g) Colour	J_2mg/100 ml	max. 3	PN-C-96115

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

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1. Packaging. Paraffin PWX FLEX stored in a following way:

- Liquid loose in heated storage tanks,
- paraffin slabs on a wooden pallet 1000 kg,

– slabs in cardboard 24kg on a wooden pallet 720 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. Paraffin PWX FLEX should be stored in temperature not higher than 25°C, in closed packages in a shaded places protecting against direct access of sun (UV radiation), humidity and mechanical impurities, far from heat radiators.

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:

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