

	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2008/LP-46
	LUMINA ST	Edition no.	9
		Date (Of actualisation)	February 26th, 2020

1. INTRODUCTION

1.1. Subject. The subjects of this document is LUMINA ST obtained as a mixture of refined hydrocarbons and stearic acid.

1.2. Range of the WT subject usage. LUMINA ST is mainly used in production of poured candles.

2. LABELLING

2.1. Labelling examples:

LUMINA ST

WT-2008/LP-46

3. QUALITY REQUIREMENTS AND TEST METHODS

3.1. Standard parameters and test methods.

Table 1. – Quality requirements valid for each batch of the product:

Parameters	Unit	LUMINA ST Parameter value	Test method
1	2	3	4
a) Congealing point	°C	min. 55	PN-ISO 2207:2011 ASTM D 938
b) Flash point,(o.c.)	°C	min. 180	PN-EN ISO 2592:2008 ASTM D 92-97
c) Mechanical impurities and water content	-	Not present	PN-C- 96115:1974
d) Acid value	mgKOH/g	Evaluate, indicate in certificate	PN-ISO 6618:2011
e) Needle penetration at 25°C	1/10 mm	max. 65	PN-C-04161:1982 ASTM D 1321
f) Appearance	-	White to light yellow homogenous mass	visual

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

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1. Packaging. Product is stored in the following way:

- liquid loose in heated storage tanks,

The method of packaging and storage is 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. LUMINA ST should be stored in closed packages in a shaded place protecting against direct access of sun (UV radiation), humidity and mechanical impurities far from the heat radiators. 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

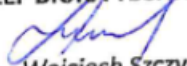
5.1. Institution preparing WT: Polwax S.A., Jasło, Poland

5.2. Standards and referenced documents

PN-EN ISO 3170:2006 – Petroleum liquids. Manual sampling.
Other standards related: table 1

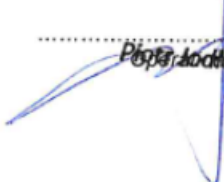
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