

	Technical Conditions	No.	WT-2011/LP-59
	White wax	No.	12
		Date (last update)	June 27, 2019

1. INTRODUCTION

1.1 Subject WT. The subject of WT is white ceresin obtained in the process of deoiling heavy gaczy paraffin and then refining contact using appropriate adsorbents.

1.2 Scope of application of the subject WT. Cerezin is also used in the manufacture of lubricants, impregnation and protective products in the chemical industry, in the candle industry and in other industries.

2. DESIGNATION

2.1 Full name

White ceresin

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3. REQUIREMENTS AND TESTS

3.1 Requirements and testing methods.

Requirements	Units	Value	Test methods
1	2	3	4
a) Freezing point	°C	68 - 76	PN ISO 2207:2011
b) Dropping point	°C	70	PN-ISO 6244:2012
c) Oil content not more than	%(m/m)	1.5	PN-C-04160:1980
d) Kinematic viscosity at 100°C	mm ² /s	12 - 20	PN-EN ISO 3104:2004
e) Lovibond color	-	max. 0.5	ASTM D 1500
f) Penetration at 25°C	1/10 mm	15 - 25	PN-C-04313:2018-02
g) Ash residue not more than	%	0.05	PN-EN ISO 6245:2008
h) Water extract reaction	-	neutral	PN-C-04064:1984

3.2 Sampling. Perform according to PN-EN ISO 3170:2006 in accordance with the applicable sampling schedule.

4. PACKAGING, STORAGE, AND TRANSPORT

4.1 Packaging. White ceresin is packaged as follows:

- loose in heated tanks;
- pellets in 20 kg polyethylene bags;
- sheets on pallets, max. 1000 kg;
- cardboard boxes approx. 20 kg; max. 40 boxes per pallet.

The above methods of packaging and packing comply with the rules for the transport of petroleum products laid down in national and international transport regulations.

It is permissible also also use other type of packaging agreed in advance between the manufacturer, recipient, and carrier.

Each package must bear a label containing at least:

- a) the name of the manufacturer,
- b) the manufacturer's address,
- c) marking in accordance with point 2,
- d) net weight or volume,
- e) date of manufacture,
- f) control number.

4.2 Storage. Cerezyna white should be stored in closed packaging, protected from direct sunlight, protecting the product from moisture and mechanical contamination, away from heat sources, at a temperature not exceeding 30°C. The shelf life of the product stored in accordance with the above guidelines is 5 years.

4.3 Transport. White cerezine is not a dangerous good within the meaning of ADR/RID regulations.

5 Related standards and documents

PN-EN ISO 3170:2006 Liquid petroleum products – Manual sampling. Other related standards are listed in Table 1.