

# PHTHALIC ANHYDRIDE



(PA-N)

PRODUCT OF THE UKRAINE

This product is from a Valetime Integrated Source

## SPECIFICATION

Technical requirements of the Ukraine 322-00190443-018-98

<b>Chemical Name</b>	phthalic anhydride
<b>Synonyms</b>	1,2-benzenedicarboxylic acid anhydride, phthalic acid anhydride
<b>Grade</b>	<b>N</b>
<b>Produced from</b>	<b>Naphthalene</b>
<b>Empirical formula</b>	C <sub>8</sub> H <sub>4</sub> O <sub>3</sub>
<b>CAS-No</b>	85-44-9
<b>EC No.</b>	201-607-5
<b>Uses</b>	Alkyd resins, plasticizers, hardener for resins, polyesters, synthesis of phenolphthalein and other phthaleins, many other dyes, chlorinated products, pharmaceutical intermediates, insecticides, diethyl phthalate, dimethyl phthalate, laboratory reagent
<b>Packaging</b>	PE bags / 25 kg
<b>Appearance &amp; Colour</b>	White, crystalline needles

## Specification

	Extra class	First class
Mass fraction of phthalic anhydride, %, not less	99,8	99,7
Freezing point, °C, not lower	130,8	130,6
Mass fraction of 1-4 naphthoquinone, %, not over	0,0005	0,005
Iron mass fraction, %, not over	0,0005	0,003
Colour of the melted product, not over in Hazen units	30	100
Colour of the melted product, during tapping within warranty period, in Hazen units	40	125
Colour of melted product after heating at 250°C during 90 minutes, not over in Hazen units	80	200
Colour of melted product after heating at 250°C during tapping within warranty period, in Hazen units	125	Not standardised

## Safety

UN No.	2214
RID/ADR	8
Risk phrases	22-37/38-41-42/43
Safety phrases	23.2-24/25-26-37/39-46

### Disclaimer for Specifications

Every effort is made to ensure that technical specifications are accurate. However, technical specifications included herein should be used as a guideline only and not construed as commitment by any company within or supported by the VALETIME Group. All specifications are subject to change without notice.