

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

Chemical Name	phthalic anhydride
Synonyms	1,2-benzenedicarboxylic acid anhydride, phthalic acid anhydride
Grade	N
Produced from	Naphthalene
Empirical formula	C ₈ H ₄ O ₃
CAS-No	85-44-9
EC No.	201-607-5
Uses	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
Packaging	PE bags / 25 kg
Appearance & Colour	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

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