

NITROGEN GASEOUS, TECHNICAL GRADE

Number of revisions: 9
Date of last revision 11.01.2016

General Information:

Chemical formula: N₂

Molecular weight: 28.01

Appearance: colourless non-flammable gas

Use: thermal treatment of metals and alloys, shielding gas in gas welding, inert medium in the production, storage and transportation of easily oxidizable products, production of plastics and others.

CAS No.: 7727 - 37 - 9

EC No.: 231 - 783 - 9

Neochim PLC code: 10 - 01

Specifications:

Indices	Typical Values	Limit Values
Nitrogen content, vol. %	99.98	min. 99.5
Water vapours in gaseous nitrogen at 293 ⁰ K and 0.1 MPa, which corresponds to the temperature of saturation of nitrogen at 230 ⁰ K and 0.1 MPa, g/m ³	0.02	max. 0.07
Oxygen, vol. %	0.02	max. 0.5
Oil	Passes the test	Passes the test

Packing:

Steel cylinders

Date of issue: 07.05.1992

These data are based on our current knowledge, experience and technical equipment. They do not relieve customers of carrying out their own tests and experiments, due to the great diversity of possible effects in processing and application of our products. They do not imply any legally binding assurances of certain properties and applications. The recipients of our products ought to abide by the existing legislation and regulations as well as possible reserved rights.

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