

**PRODUCT
SPECIFICATION**

**NITROGEN GASEOUS,
TECHNICAL GRADE**

Number of revisions: 13
Date of last revision 23.05.2023

General Information:		
Chemical formula: N ₂ Molecular weight: 28.01	CAS №: 7727-37-9 EC №: 231-783-9	Neochim PLC code:10-01
Appearance: colourless non-flammable gas Use: thermal processing of metals and alloys; shield gas for welding processes; inert medium for the transfer of flammable liquids under pressure; blowing and inertness.		
Specifications:		
Indices	Typical Values	Limit Values
Nitrogen (N ₂) content, vol %	99.98	min. 99.5
Water vapours content in gaseous nitrogen at 293°K and 0.1 MPa, which corresponds to the temperature of saturation of nitrogen at 230°K and 0.1 MPa, g/m ³	0.02	max. 0.07
Oxygen (O ₂), content, vol %	0.02	max. 0.5
Oil content	complies	to comply with the test

Packaging:

- 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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