

AMMONIA



Liquid-product specification

			Typical value
Ammonia	% wt	min. 99.5	
Water	% wt	min. 0.1 - max. 0.5	0.2
Inert gas	ml / Nm ³	max. 500	200
Oil	mg / kg	max. 10	
Iron	mg / kg	max. 1	

Sampling and analysis techniques

Sampling	'In-house method' / ISO 7103
Ammonia	100% - %water
Water	Intertek 3223
Inert gas	Intertek 2029
Oil	Intertek 1549
Iron	Intertek 1308

Physical properties

Formula			NH ₃
Molar mass			17,03
Critical temperature		°C	132,4
Critical pressure		bar	112,8
Gas density relative to air			0,59
Boiling point	at 1.0133 bar	°C	-33,4
Liquid density	-30 °C	kg/m ³	680
	0 °C		637
	15 °C		620
	25 °C		603
	Vapour pressure	-30 °C	bar
	0 °C		4,3
	15 °C		7,3
	25 °C		10,0

WARRANTY

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01.11.2022

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