



**Westfalen**

## Product sheet base product Secudur® He

Product name	base product Secudur® He
Physical state	gaseous, compressed
Standard	null
Properties	see safety data sheet
Shoulder color	olive brown (RAL 8008)

Components	
Helium	99,999 vol.‰

Minor components	Maximum values
Oxygen	2,0 vol. ppm
Moisture	3,0 vol. ppm
Methane	1,0 vol. ppm
Carbon monoxide	5,0 vol. ppm

Physical data		
operating figures	Molar mass	4,00 g mol <sup>-1</sup>
Liquid State	Boiling Point	4,22 (-268,9) K (°C)
	Heat of Evaporation	20,42 kJ kg <sup>-1</sup>
	Liquid Density	125 kg m <sup>-3</sup>
Gas State	Thermal Conductivity (at 288.15 K and 1.013 bar)	0,1482 J s <sup>-1</sup> m <sup>-1</sup> K <sup>-1</sup>
	Density Ratio to Air (at 288.15 K and 1.013 bar)	0,14
	Specific heat (at 298.15 K and 1.013 bar)	5,2 kJ kg <sup>-1</sup> K <sup>-1</sup>
	Density (at 273.15 K and 1.013 bar)	0,18 kg m <sup>-3</sup>
Critical Point	Temperature	5,2 (-268,0) K (°C)
	density	69,6 kg m <sup>-3</sup>
	Pressure	2,28 bar
Triple Point	Temperature	2,177 (-271,0) K (°C)
	Vapour Pressure	0,051 bar



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Physical data	
Heat of Fusion	3,49 kJ kg <sup>-1</sup>

All mentioned data, values and notes correspond to actual state of knowledge on the date of printing. They make no claim to be correct or complete and therefore do not release the user from his obligation to check them.

Current state 28.11.2021

