



Product sheet base product Krypton 4.0

Product name	base product Krypton 4.0
Physical state	cryogenically liquefied
Purity	99,5 %
Properties	see safety data sheet

Minor components	Maximum values
Carbon dioxide	300,0 vol. ppm
Carbon monoxide	5,0 vol. ppm
Moisture	67,0 vol. ppm

Physical data		
operating figures	Molar mass	15,99 g mol ⁻¹
Liquid State	Boiling Point	90,28 (-182,9) K (°C)
	Heat of Evaporation	212,98 kJ kg ⁻¹
	Liquid Density	1141,0 kg m ⁻³
Gas State	Thermal Conductivity (at 288.15 K and 1.013 bar)	0,0254 J s ⁻¹ m ⁻¹ K ⁻¹
	Density Ratio to Air (at 288.15 K and 1.013 bar)	1,11
	Specific heat (at 298.15 K and 1.013 bar)	0,92 kJ kg ⁻¹ K ⁻¹
	Density (at 273.15 K and 1.013 bar)	1,43 kg m ⁻³
Critical Point	Temperature	154,57 (-118,6) K (°C)
	density	436,1 kg m ⁻³
	Pressure	50,43 bar
Triple Point	Temperature	54,4 (-218,8) K (°C)
	Vapour Pressure	0,0015 bar
	Heat of Fusion	13,9 kJ kg ⁻¹

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 09.09.2021