



Westfalen

Product sheet Argon 4.6

Product name	Argon 4.6
Physical state	gaseous, compressed
Chemical sign	Ar
Chemical designation	Ar
Purity	99,996 %
Standard	EN ISO 14175
Properties	see safety data sheet
Shoulder color	emerald green (RAL 6001)

Minor components	Maximum values
Oxygen	5,0 vol. ppm
Moisture	5,0 vol. ppm

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Argon 4.6 T05 RCyl	B00500105	steel	5,0 l	200,0 bar	1,1 m ³	NBN 226 Forme B	Cage
Argon 4.6 T10 RCyl	B00500110	steel	10,0 l	200,0 bar	2,2 m ³	NBN 226 Forme B	Cage
Argon 4.6 T20 RCyl	B00500120	steel	20,0 l	200,0 bar	4,3 m ³	NBN 226 Forme B	Cage
Argon 4.6 T30 RCyl.	B00500130	steel	30,0 l	200,0 bar	6,6 m ³	NBN 226 Forme B	Cage
Argon 4.6 T33 RCyl 300bar C ViR	B00500133349	steel	33,0 l	200,0 bar	10,4 m ³	NBN 226 Forme B	Cage, ViD
Argon 4.6 T50 RCyl	B00500150	steel	50,0 l	200,0 bar	10,9 m ³	NBN 226 Forme B	Cage
Argon 4.6 T50 RCyl 300 bar	B005001503	steel	50,0 l	300,0 bar	15,6 m ³	DIN 477-5 No. 54	Cage
Argon 4.6 RBundle12	B00500312	steel	600,0 l	200,0 bar	130,8 m ³	NBN 226 Forme B	Cage
Argon 4.6 RBundle12 300 bar	B005003123	steel	600,0 l	300,0 bar	183,6 m ³	DIN 477-5 No. 54	Cage



Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
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Unless otherwise stated, these refer to filling pressure at 288,15K (15°C) and to content at 288,15K (15°C) and 0,981 bar.

Physical data		
operating figures	Wobbe Index Wi	87,29 (-185,9) kWh m ⁻³
Sublimation Point	Heat of sublimation	1392,8 kJ kg ⁻¹
	Sublimation temperature	160,81 K (°C)
	Density	1,78 kg m ⁻³
Liquid State	Boiling Point	1,38 K (°C)
	Heat of Evaporation	0,016 kJ kg ⁻¹
	Boiling temperature at the bubble point	0,52 K (°C)
	Liquid Density	150,86 (-122,3) kg m ⁻³
Gas State	Thermal Conductivity (at 288.15 K and 1.013 bar)	0,687 kg m ⁻³
	Specific heat (at 298.15 K and 1.013 bar)	83,8 (-189,4) kg m ⁻³
	Density (at 273.15 K and 1.013 bar)	48,98 kg m ⁻³
Critical Point	Temperature	29,3 K (°C)
	Pressure	APLC_27,APLC_26,APLC_25 bar

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 05.09.2021