



Hydrogen bromide 2.8

Purity, %: ≥ 99.8

Impurities, ppm: HCl ≤ 2000
Specified data are ideal volume shares (=mole shares)

Conversion factors:

m ³ gas (15°C, 1 bar)	l liquid at T _b	kg
1	1.548	3.409
0.646	1	2.203
0.293	0.454	1

Identification: Cylinder shoulder colour/
Circular colour strip at bundles Yellow RAL 1018
Label: Hydrogen bromide 2.8
Valve outlet: 1, DIN 477 No. 8

Properties: under pressure liquefied gas, caustic

AGW value: 2 ppm
Chemical symbol: HBr
Molar mass: 80.912 g/mol

Relative density based on dry air (15°C, 1 bar): 2.818
Critical temperature: 363.05 K (89.9 °C)
Boiling point at 1.013 bar (T_b): 206.43 K (-66.72 °C)

Applications: Bromination in chemical synthesis.

Also available: Mixtures with other gases in defined compositions.

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