

# Fiziksel-Kimyasal sabitler

Salı, 17 Ağustos 2010 01:47

SİM	SİMGE	DEĞER
Atomik kütle birimi (Dalton) $u$		$1,660538782 \times 10^{-27}$ kg

$9,31494028 \times 10^2$		MeV
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$1,49241783 \times 10^{-10}$		J
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$2,2523427369 \times 10^{23}$		Hz
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$7,513006671 \times 10^{14}$		/ m
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$3,4231777149 \times 10^7$		Hartree
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$1,0809527 \times 10^{13}$		K
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Avogadro sayısı, $N_A$		$6,02214179 \times 10^{23}$ / mol
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Birincil şıma sabiti (200) $C_{200}$		$3,74177107 \times 10^{-16}$ W m <sup>2</sup>
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Birincil şıma sabiti (spektral radyans, 191) $C_{191}$		$1,910272 \times 10^{-16}$ W m <sup>2</sup>
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Boltzmann sabiti, $k_B$		$1,3806504 \times 10^{-23}$ J / K
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$8,617343 \times 10^{-5}$		eV / K
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$2,0836644 \times 10^{10}$		Hz / K
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$69,50356$ / m k
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Faraday sabiti $F$	96485,3399 C / mol
Hawking sabiti $\kappa$	$10^{41}$ C /
İdeal gazın ikincil ışınım katsayısı $\kappa_2$	$22,413996 \times 10^{-3}$ m
İkincil ışınım sabiti $\kappa_2$ (hc / k)	$1,4387752 \times 10^{-2}$ m K
Loschmidt sabiti $n_0$	$2,6867775 \times 10^{25}$ / m
Loschmidt sabiti $n_0$ (273,15 K, p = 101325 Pa)	$2,6867775 \times 10^{25}$ m
Molar gaz sabiti $R$	8,314472 J / mol K
Molar Planck sabiti $h$	$3,990312689 \times 10^{-10}$ J s / mol

Molar Planck sabiti  $h$

0,11962656472 J m / mol

Mutlak entropi sabiti  $S$  -1,1517048

-1,1648678

Sackur-Tetrode sabiti  $S$  -1,1517048

-1,1648678

Stefan-Boltzmann sabiti  $\sigma$   $5,670400 \times 10^{-8}$  W / m<sup>2</sup> K<sup>4</sup>

Wien'in yer deęirme yasası  $b$   $2,8977686 \times 10^{-3}$  m K