

	Low alloy cast steel	Page 1(1)
	Mekava G26CrMo4	Approved: T.S.
27.1.2022		

Chemical composition

	C %	Si %	Mn%	P %	S %	Cr %	Mo %
min.	0,22		0,50			0,80	0,15
max.	0,29	0,60	0,80	0,025	0,020	1,20	0,30

Mechanical properties

Condition	Relevant wall thickness t mm	Yield strength	Tensile strength	Elongation	Impact strength	Hardness*
		R _{p0,2} MPa, min.	R _m MPa, min.	A ₅ %, min.	KV +20 °C J, min.	HBW
Quenched and tempered, sample Ø 14 mm	...100	450	600...750	16	40	190...230
	over 100...250	300	550...700	14	27	170...220

*Guidance value. Hardness test and range have to be agreed at the time of enquiry and order.

NOTE. Up to wall thickness 100 mm lower values of yield and tensile strength may be agreed.

Related standards

EN 10293:2015
G26CrMo4