

	Non-alloy cast steel	Page 1(1)
	Mekava GE 300	Approved: T.S.
21.11.2019		

Chemical composition

	C %	Si %	Mn%	P %	S %
min.					
max.				0,035	0,030

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
Normalized, test bar Ø 14 mm	...30	300	600...750	15	15	190...230
	< 30...100	300	520...720	16	18	170...220

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

Related standards

EN 10293:2015	ASTM A958
GE 300	Class 80/50