

	Non-alloy cast steel	Page 1(1)
	<b>Mekava GS 240</b>	Approved: T.S.
21.11.2019		

## Chemical composition

	C %	Si %	Mn%	P %	S %
min.					
max.	0,23	0,60	1,20	0,035	0,030

## Mechanical properties

Condition	Relevant wall thickness t mm	Yield strength	Tensile strength	Elongation	Impact strength	Hardness*
		R <sub>p0,2</sub> MPa, min.	R <sub>m</sub> MPa, min.	A <sub>5</sub> %, min.	KV +20 °C J, min.	HBW
Normalized, test bar Ø 14 mm	...100	240	450...600	22	31	130...190

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

## Related standards

EN 10293:2015	ASTM A958
GS 240	Class 65/35