

	Grey cast iron	Page 1(1)
	Mekava GJL 300	Approved: T.S.
21.11.2019		

Chemical composition

	C %	Si %	Mn%	P %	S %
min.	2,9	1,4	0,45		
max.	3,6	2,5	1,0	0,30	0,12

Mechanical properties

Condition	Yield strength R _{p0,1} MPa	Tensile strength R _m MPa	Elongation A ₅ %, min.	Hardness HBW
Cast sample Ø 30 mm	195...260	300...400	0,3...0,8	260...320

Weldability

Welding of grey cast irons is not recommended.

Related standards

EN 1561:2011	ASTM A48
EN-GJL-300	Class 50