

MEKAVA OY	Valkoinen valurauta	Page 1(1)
	Mekava Ni-Hard 4	Approved: T.S.
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Mekava Ni-Hard 4 is nickel + chromium alloyed wear resistant white cast iron.

Chemical composition

	C %	Si %	Mn%	P %	S %	Cr %	Ni %
min.	2,6	1,8	0,4			7,5	4,5
max.	3,2	2,0	0,6	0,06	0,10	9,0	6,5

Hardness of castings

Wall thickness 30 mm, guideline value 56...63 HRC

Related standards

EN 12513:2011	ASTM A532
EN-GJN-HB555, nr. 5.5605	Class 1 Type D

Information about wear resistance and weldability

The excellent abrasive wear resistance of Mekava Ni-Hard 4 is based on micro structure, which includes dendrites of iron and chromium carbides in martensitic matrix.

Welding of Ni-Hard cast irons is not recommended.

Typical applications are components of pumps for wearing slurries and parts of equipment for concentration of minerals.