

	Heat resistant steel for castings	Sivu 1(1)
	Mekava 1.4740	Approved: T.S.
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Chromium alloyed heat resistant steel for castings,
which owns a good wear resistance
The common corrosion resistance of the grade is also good.

Chemical composition

	C %	Si %	Mn%	P %	S %	Cr %	Ni %	Mo %
min.	0,30	1,00				16,00		
max.	0,50	2,50	1,00	0,040	0,030	19,00	1,00	0,50

Weldability

Mekava 1.4740 can be welded in increased temperature 300...500 °C. After welding a stress relieving is recommended in temperature range 760...800 °C.

Related standards

EN ISO 10295:2003	ASTM A743
GX40CrSi17, nro 1.4740	CB 30

Information about utilisation

Mekava 1.4740 is a typical grade used in castings endangered to abrasive wear in high temperatures. The highest service temperature in a neutral atmosphere is 900 °C, in oxydising 950 °C.

Typical applications are protective rings and segments of cement industry, parts of superheater.

Guidance of creep properties is given in EN ISO 10295.