



C22E
Non-alloy special steel

(W. NR. 1.1151)

CHEMICAL COMPOSITION: (heat analysis according to the EN 10083-2:2006 standard)

	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	Cr+Mo+Ni %
FROM	0,17	-	0,40	-	-	-	-	-	-
TO	0,24	0,40	0,70	0,030	0,035	0,40	0,40	0,10	0,63

* **MECHANICAL FEATURES:** there aren't any indications for drawn products +C

* Delivery condition: as rolled.

PROPERTIES :

Semi-hard, tough carbon-steel, easily machinable by cold-strain.

Weldability:

Easily weldable.

Hardenability:

Extremely low hardenability, used above all for pieces of small section and when deformations due to water-quenching are allowed.

Notes :

CORRESPONDENCE WITH OTHER STANDARDS (purely as an indication) :

DIN 17200
CK22

AFNOR 35-551
XC18