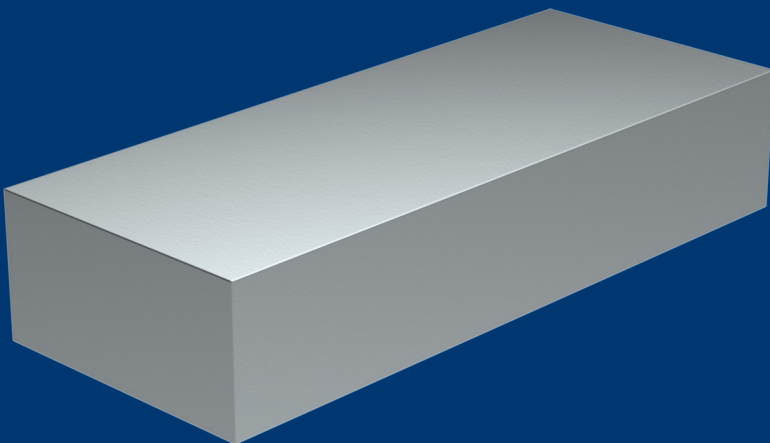


DATA SHEET

SIMOLD^{...}

S771



W.NR.:

EN / DIN:

AISI:

~ 420 FM

CHEMICAL COMPOSITION

C	Mn	S	Cr	Cu
0.05	1.10	0.10	12.1	0.70

ULTRASOUND EXAMINATION

EN 10228-3 art.2-4,
SEP1921 E/e

DELIVERY CONDITION

quenched and tempered at 280-330 HB

PROCESS

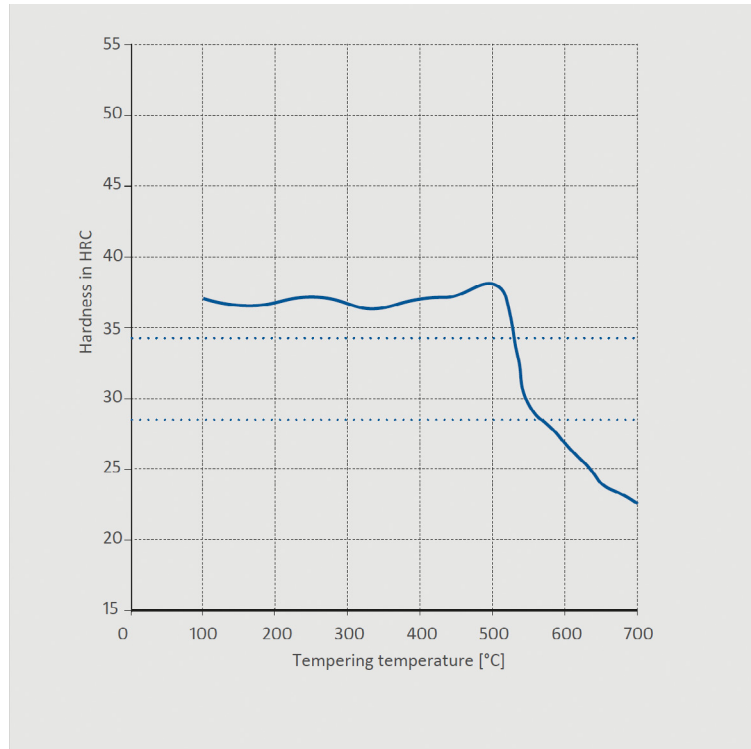
conventional

PROPERTIES

SIMOLD S771 is an advanced substitute for SIMOLD 2085. S771 is a special martensitic-ferritic stainless tool steel for plastic moulding. It is supplied in quenched and tempered condition. In comparison with SIMOLD 2085 it has better dimensional stability and much better machinability.

APPLICATION

For large moulds for plastics. General construction components. Tools for the low temperature casting of zinc. Supporting parts used in extrusion (amplifiers, hammers).

TT**DISCLAIMER**

The information and data presented herein are typical or average values and are not a guarantee of maximum or minimum values. Applications specifically suggested for material described herein are made solely for the purpose of illustration to enable the reader to make his own evaluation and are not intended as warranties, either express or implied, of fitness for these or other purposes. There is no representation that the recipient of this literature will receive updated editions as they become available.