

I Buderus Plastic Mould Steel 2711 ISO-B

	C	Si	Mn	P	S	Cr	Ni	Mo	V
Typical analysis	0.52	0.20	0.70	0.020	0.002	0.75	1.75	0.30	0.10
Chemical composition as per SEL	0.50–0.60	0.15–0.35	0.50–0.80	≤ 0.025	≤ 0.025	0.60–0.80	1.50–1.80	0.25–0.35	0.07–0.12

Figures in % by mass

Characteristics

High toughness, high compressive strength, polishable.

Nitridable as delivered; hard chrome plateable, flame hardenable, grain reliable.

Applications

For larger compression and injection moulds subject to higher mechanical and thermal stress.

Contour hardening is recommended.

With higher working hardness, also suited to processing SMC and GMT, in combination with surface coating if applicable.

Delivered condition

Hardened and tempered to 355–415 HB (Δ approx. 1200–1400 MPa)*

Stocking Program

Format thickness x width in mm. bars available in random lengths of 3-5 m

Width Thickness	1020
200	<input checked="" type="checkbox"/>
225	<input checked="" type="checkbox"/>
250	<input checked="" type="checkbox"/>
300	<input checked="" type="checkbox"/>
350	<input checked="" type="checkbox"/>
400	<input checked="" type="checkbox"/>
500	<input checked="" type="checkbox"/>