



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 15S10 | Material No: 1.0710

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Pb(%)
0.12 ~ 0.18	0.10 ~ 0.30	0.70 ~ 1.10	0.06	0.08 ~ 0.13	—

MECHANICAL PROPERTIES

Condition	Size/mm	Tensile Strength σ_b /Mpa	Yield Strength σ_s /Mpa	Extensibility δ (%) \geq	Hardness HBS \leq
Before Hot Working	≤ 10 mm	410 ~ 600	—	—	176
Before Hot Working	11 ~ 16mm	410 ~ 600	—	—	176
Before Hot Working	17 ~ 40mm	400 ~ 500	—	—	166
Before Hot Working	41 ~ 63mm	380 ~ 555	—	—	162
Cold-Drawing	≤ 10 mm	520 ~ 820	420	6	—
Cold-Drawing	11 ~ 16mm	500 ~ 780	400	7	—
Cold-Drawing	17 ~ 40mm	450 ~ 720	360	8	—
Cold-Drawing	41 ~ 63mm	400 ~ 650	300	9	—

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