



# Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 10SPb20 | Material No: 1.0722

## CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Pb(%)
0.07 ~ 0.13	≤0.40	0.70 ~ 1.10	0.06	0.15 ~ 0.25	0.20 ~ 0.35

## MECHANICAL PROPERTIES

Condition	Size/mm	Tensile Strength  $\sigma_b$ /Mpa	Yield Strength  $\sigma_s$ /Mpa	Extensibility  $\delta$ (%)≥	Hardness HBS≤
890 ~ 920°C Normalizing	≤16mm	≥350	225	—	—
890 ~ 920°C Normalizing	17 ~ 40mm	≥350	215	—	—
890 ~ 920°C Normalizing	41 ~ 63mm	≥350	205	25	—
Before Hot Working	≤10mm	360 ~ 530	—	—	159
Before Hot Working	11 ~ 16mm	360 ~ 530	—	—	159
Before Hot Working	17 ~ 40mm	360 ~ 530	—	—	149
Before Hot Working	41 ~ 63mm	360 ~ 530	—	—	149
Cold-Drawing	≤10mm	540 ~ 780	410	7	—

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