



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 35SPb20 | Material No: 1.0756

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Pb(%)
0.32 ~ 0.38	≤0.40	0.70 ~ 1.10	0.06	0.15 ~ 0.25	0.15 ~ 0.35

MECHANICAL PROPERTIES

Condition	Size/mm	Tensile Strength σ_b /Mpa	Yield Strength σ_s /Mpa	Extensibility δ (%)≥	Hardness HBS≤
Before Hot Working	≤10mm	490 ~ 660	—	—	197
Before Hot Working	11 ~ 16mm	490 ~ 660	—	—	197
Before Hot Working	17 ~ 40mm	490 ~ 660	—	—	192
Before Hot Working	41 ~ 63mm	490 ~ 660	—	—	192
Cold-Drawing	≤10mm	640 ~ 880	480	6	—
Cold-Drawing	11 ~ 16mm	590 ~ 830	400	7	—
Cold-Drawing	17 ~ 40mm	540 ~ 740	315	8	—
Cold-Drawing	41 ~ 63mm	510 ~ 710	285	9	—

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