

Steel Grade: BSf420S | Material No: 1.0428

**CHEMICAL COMPOSITION**

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Cr(%)	Ni(%)	N(%)	Cu(%)	Other(%)
0.22	0.6	—	0.05	0.05	—	—	0.012	—	—

**MECHANICAL PROPERTIES**

Tensile Strength   σ <sub>b</sub> /Mpa	Yield Strength   σ <sub>s</sub> ≥ Mpa		Yield Strength   σ <sub>s</sub> ≥ Mpa	Extensibility   δ <sub>5</sub> ≥ % (≤ 150mm)	Flexural Center Dia Cold-bend Test	
	16-40mm	40-60mm			180°C/L	180°C/T
—	—	—	σ <sub>0.2</sub> ≥ 420Mpa	—	—	—

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