

Customer's contract No.	ZPH22206	Customer		Shape of Product	Round Bar	Standard	JSXY3319-2021	Steel grade	S45C	Certificate No.	2205170320
Heat No.	2211990	Rolling plan No.	B112240806	Delivery condition	Hot rolled	Size (mm)	DIA. 30	Weight (MT)	16.663	Bundles	9

Chemical Composition (%)												
Item	C	Si	Mn	P	S	Cr	Ni	Cu	SP1			
Ladle Result	0.45	0.25	0.65	0.013	0.003	0.06	0.06	0.08	0.12			

S	R	C	Yield strength	Tensile strength	Elongation	Reduction of area	Hardness	Surface quality & Shape size												
Grade	Grade	Grade	Rp0.2 MPa	Rm MPa	A %	Z %	HBW													
1	1	1	417	690	25.0	52	192	Qualified												
1	1	1	411	686	25.5	53	189													
							195													

Note: SP1-Cr+Ni:



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MADE IN CHINA