

Customer's contract No.	ZPH22206	Customer		Shape of Product	Round Bar	Standard	JSXY3319-2021	Steel grade	S45C	Certificate No.	2205170321
Heat No.	2211990	Rolling plan No.	B112240901	Delivery condition	Hot rolled	Size (mm)	DIA. 22	Weight (MT)	15.282	Bundles	8

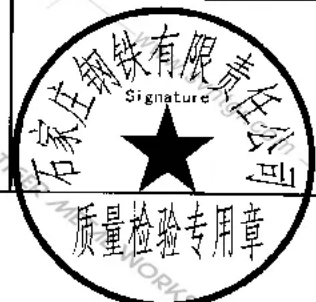
Chemical Composition (%)

Item	C	Si	Mn	P	S	Cr	Ni	Cu	SP1											
Ladle Result	0.45	0.25	0.66	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	418	691	26.0	53	195	Qualified
1	1	1	412	684	25.5	54	192	
							193	

Note: SP1-Cr+Ni:



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MADE IN CHINA