

Sl. No.	Parameters		Description as per Specification	
1	Specification		EN 10305-1 Gr. 10S10	
2	Size		OD 25.0 X WT 3.0 MM	
3	Application		EN 10305-1 Gr. 10S10 – Standard Specification of Seamless Pipe for precision applications.	
4	Process of Manufacture		Cold drawn seamless	
5	Specification Grade		EN 10305-1 Gr. 10S10	Lalbaba Offer
6	Mechanical Test	Yst in Mpa	240 min	280-330
		UTS in Mpa	360 min	400-450
		E%	25% min	35%
		Hardness	-	70-75 HRB
		Bend test	As per customer requirement	OK
		Flattening	Applicable	Applicable
		Flaring	Applicable	Applicable
		Impact	As per customer requirement	As observed
7	Chemical Composition	%C	0.12 Max	0.10-0.12
		%Mn	0.75 – 1.10	0.75 – 0.90
		%Si	0.10 – 0.35	0.10 – 0.35
		%p	0.030 max	0.030 max
		%S	0.08-0.13	0.08-0.13
		%Cr	-	0.010-0.022
		%Cu	-	0.001-0.004
		%Mo	-	0.001-0.002
		%Ni	-	0.005-0.008
		%V	-	0.001-0.004
		Others	-	-
8	NDT	ECT	Applicable as per specification ISO 10893-2	Applicable as per specification ISO 10893-2
		UT	Applicable as per specification ISO 10893-10	Applicable as per specification ISO 10893-10
9	Hydrostatic Test		As per EN ISO 10893-1	2500 PSI 5 Sec holding time
10	Dimension Tolerance (mm)	OD	OD (+0.08/-0.08)	OD (+0.08/-0.08)
		WT / ID	ID (+0.15/-0.15)	ID (+0.15/-0.15)
11	Heat Treatments Condition		As Drawn / Annealing / Normalizing / SR	Normalized
12	Surface Condition		-	Bright
13	End Condition		Plain end	OK
14	Straightness		0.002 x L :1000	0.8 : 1000 MM
15	Ovality		-	0.3 mm Max
16	Eccentricity		-	5% Max
17	Stencil Marking		LALBABA/LOGO/EN 10305-1 Gr. 10S10 / OD 25.0 X WT 3.0 MM / MADE IN INDIA	
18	Coating		Rust preventive coating	Rust Preventive Oil

Reach Us At

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