

Sl. No.	Parameters	Description as per Specification				
1	Specification	EN 10305 -1 E355 / EN 10305 -4 E355 / DIN 2391 ST52				
2	Size	OD 52.0 X WT 7.00 MM				
3	Application	EN 10305 -1 E355 - Standard Specification of Seamless Pipe for precision applications.				
		EN 10305 -4 E335 - Standard Specification of Seamless Pipe for precision applications - hydraulic & pneumatic power system				
		DIN 2391 ST52 - Standard Specification of Seamless Pipe for precision applications.				
4	Process of Manufacture	Cold drawn seamless				
5	Specification Grade	EN 10305 -1E355	EN 10305 -4 E355	DIN 2391 ST52	Lalbaba Offer	
6	Mechanical Test	Yst in Mpa	355 min	355 min	355 min	400-450
		UTS in Mpa	490-630	490-630	490-630	550-600
		E%	22% min	22% min	22% min	28% min
		Hardness	Not Applicable	Not Applicable	Not Applicable	80-85 HRB
		Bend test	Not Applicable	Not Applicable	Not Applicable	Not Applicable
		Flattening	Applicable	Applicable	Applicable	OK
		Flaring	Applicable	Applicable	Applicable	OK
7	Chemical Composition	Impact	Not Applicable	Not Applicable	Not Applicable	Not Applicable
		%C	0.22 max	0.22 max	0.22 max	0.16-0.22
		%Mn	1.60 max	1.60 max	1.60 max	1.30-1.60
		%Si	0.55 max	0.55 max	0.55 max	0.55 max
		%P	0.025 max	0.025 max	0.025 max	0.025 max
		%S	0.025 max	0.015 max	0.015 max	0.015 max
		%Cr	-	-	-	0.005-0.009
		%Cu	-	-	-	0.004-0.009
		%Mo	-	-	-	0.005-0.008
		%Ni	-	-	-	0.006-0.007
		%V	-	-	-	-
8	NDT	ECT	Applicable as per specification ISO 10893-2	Applicable as per specification ISO 10893-2	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	Applicable as per specification ISO 10893-10	Applicable as per specification ISO 10893-10
9	Hydrostatic Test	As per EN ISO 10893-1	As per EN ISO 10893-1	As per EN ISO 10893-1	As per std specification.	
10	Dimension Tolerance (mm)	OD	OD (+0.20/-0.20)	OD (+0.20/-0.20)	OD (+0.25/-0.25)	OD (+0.20/-0.20)
		WT / ID	ID (+0.20/-0.20)	ID (+0.20/-0.20)	ID(+0.25/-0.25)	ID (+0.20/-0.20)
11	Heat Treatments Condition	As Drawn / Annealing / Normalizing / SR	As Drawn / Annealing / Normalizing / SR	As Drawn / Annealing / Normalizing / SR	Normalized	
12	Surface Condition	Scale free smooth / Bright	Scale free smooth / Bright	Scale free smooth / Bright	Scale free smooth & Bright	
13	End Condition	Plain end	Plain end	Plain end	Plain end	
14	Straightness	0.002 x L:1000	0.002 x L:1000	Reasonably staright	0.8 : 1000 MM	
15	Ovality	-	-	-	0.3 mm Max	
16	Eccentricity	+/-10%	+/-10%	+/-10%	5% Max	
17	Stencil Marking	LALBABA/LOGO/EN 10305 -1 E355 / EN 10305 -4 E355 / DIN 2391 ST52/OD 52.0 X WT 7.00 MM / MADE IN INDIA				
18	Coating	Rust preventive coating			Oiling	

Reach Us At

Sales Office 1 - Delhi,India

✉ Sales@lalbabagroup.com

Sales Office 2 -Pune, Maharashtra

✉ export@lalbabagroup.com

