



**EN10217-1 P235TR2 ERW**

EN10217-1 P235TR2 ERW (Electric Resistance Welding) is classified as non-alloy quality steel, and it applies to pipes in which the steel cylinder acts as a permanent load-carrying member, or as a shell to form cast-in-place concrete piles. P235TR2 ERW predominately used in the construction of chemical plant, vessels, pipe work and for general mechanical engineering purpose. Line pipe of P235TR2 also used in pipeline transportation systems in the petroleum and natural gas industries. The maximum diameter of P235TR2 ERW we can provide is 273mm.

**EN10217-1 P235TR2 ERW chemical composition:**

Grade	C max	Si max	Mn max	P max	S max
P235TR2	0.16	0.35	1.20	0.025	0.020

**EN10217-1 P235TR2 ERW mechanical property:**

Grade	Thickness mm	Upper Yield Strength (M pa) min	Tensile Strength (M pa)	Elongation (%) min	
				L	T
P235TR2	t≤16	235	360-500	25	23
	16<t≤40	225			

About EN10217-1 P235TR2 type of inspection: conformity to the requirements of the order, for tubes in accordance with EN10217, shall be checked by specific inspection. When an inspection document is specified, we, the manufacture will state in the confirmation of the order whether we are operating according to a “quality assurance system”, certified by a competent body established within the community, and having undergone a specific assessment for materials and processes relevant to manufacture of welded tubes, including welding procedure approvals, welder/weld operator approval and NDT operator approval.

The test of P235TR2 ERW includes: Chemical Component Analysis, Mechanical Properties (Ultimate tensile strength, Yield strength, Elongation), Metallographic Test, Technical Properties (Bending Test, harpy-v Impact Test, Hydrostatic Test, X-ray Test, Ultrasonic Test)



## **SHANGHAI KATALOR ENTERPRISES CO., LTD.**

**Tel:0086-21-61182423    Website:www.katalor.com**

---

Shanghai Katalor Enterprises Co., Ltd can supply clients EN10217-1 P235TR2 ERW with the best quality and prompt delivery. The package is usually in loose pieces, and it can be packed as customers' special requirements. Meanwhile, business developing, we are now enlarging our business scope. We are looking forward to entering into business relation with more and more customers.