



**EN10217-1 P265TR2 High frequency welded pipe/tube**

EN10217-1 P265TR2 High frequency welded pipe/tube have a typical chemistry with additions of max 0.30 Chromium and max 0.08 Molybdenum. P265TR2 High frequency welded pipe/tube are reheated and furnished in full annealed, isothermal annealed or normalized quenched and tempered condition.

**P265TR2 High frequency welded pipe/tube Chemical composition:**

Steel grade		C	Si	Mn	P	S	Cr <sup>b</sup>	Mo <sup>b</sup>
Steel name	Steel number	max	max	max	max	max	max	max
		0.20	0.40	1.40	0.025	0.020	0.30	0.08
		Ni <sup>b</sup>	Al <sup>tot</sup>	Cu <sup>bc</sup>	Nb <sup>b</sup>	Ti <sup>b</sup>	V <sup>b</sup>	Cr+Cu+Mo+Ni <sup>b</sup>
		max	max	max	min	max	max	max
P265TR2	1.0259	0.30	0.02 <sup>d</sup>	0.30	0.010	0.04	0.02	0.70

**P265TR2 High frequency welded pipe/tube Mechanical behavior:**

Steel grades		Tensile properties				Impact properties			
Steel name	Steel number	Upper yield strength R <sub>eH</sub> <sup>b</sup> min for T <sub>mm</sub>		Tensile Strength	Elongation A min	Minimum average absorbed energy KV J at a temperature of °C <sup>c</sup>			
		T <sub>16</sub>	16 T <sub>40</sub>	R <sub>m</sub>	% <sup>b c</sup>	l	t		
		Mpa		Mpa	l	t	0	-10	0
P265TR2	1.0259	265	255	410-570	21	19	40	28 <sup>d</sup>	27

**P265TR2 High frequency welded pipe/tube Welding pressure:**

The P265TR2 High frequency welded pipe/tube welding pressure in the welding process is one of the main parameters of the welding process. EN10217-1 P265TR2 High frequency welded pipe / tube after the two edges of the tube are heated to the welding temperature, the common metal grains are formed under the action of squeezing force. The size of the welding pressure affects the strength and toughness of the weld.

Shanghai Katalor Enterprises Co., Ltd. can provide diameter less than 10 inches quality



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

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

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P265TR2 High frequency welded pipe / tube which is used in mechanical and manufacture, ship building, bridging, automobile chassis or gas and oil transportation. If you have any require, please contact us.