

DIN 1629 German Standard (Pipe for Pipeline, Vessel and Equipment Structure)

Standard:

DIN 1629-German Industrial Standards

Application:

It is applied to the production of pipeline, vessel, equipment, pipe fitting and steel structure.

Grades of Main Steel Pipe:

St37.0, St44.0, St52.0

Mechanical Properties:

Standard	Grade	Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)
DIN1629	St37.0	350~480	≥235	≥25
	St44.0	420~550	≥255	≥21
	St52.0	500~650	≥270	≥21

Chemical Composition

Standard	Grade	Chemical Composition Limits, %				
		C	Si	Mn	P, S	Cr
DIN1629	St37.0	≤0.17	/	/	≤0.040	/
	St44.0	≤0.21	/	/	≤0.040	/
	St52.0	≤0.22	≤0.55	≤1.70	≤0.040	/

Remarks

HR: hot rolled	CW: cold worked	SR: stress relieved
A: annealed	N: normalized	HF