

ASTM A519 American Standard (Seamless Carbon and Alloy Steel Mechanical Tube)

Standard: ASTM A519

Application:

For mechanical engineering

For mechanical and pressure use, and also for transporting steam, water, gas etc.

Mechanical Properties

Steel Grade	Condition	Tensile Point (MPa)	Yield Point (MPa)	Elongation %
1020	CW	414	483	5%
	卒	345	448	10%
	A	193	331	30%
	N	234	379	22%
□ピコ	親	448	517	5%
	卒	379	483	8%
	A	207	365	25%
	N	248	379	22%
親ピコ	卒	586	724	10%
	A	379	517	30%
	N	414	621	20%
親親	卒	689	855	10%
	A	414	552	25%
	N	621	855	20%

Remarks

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