

# Sour Service Drill Pipe

## Tensile Properties

Grade	Yield Strength (Mpa/Ksi)		Tensile Strength (Mpa/Ksi)	
	Min	Max	Min	Max
SS75	517 / 75	655 / 95	655 / 95	793 / 115
SS95	665 / 95	758 / 110	724 / 105	896 / 130
SS105	724 / 105	827 / 120	793 / 115	965 / 140

## Hardness (HRC)

Grade	Average	Individual	
	Max	Max	Min
SS75	22.0	24.0	-
SS95	25.0	27.0	18.0
SS105	28.0	29.0	21.0

## Impact (Charpy V-notch TypeA)

Grade	Min	
	Joules	Ft-Lbs
SS75	70	50
SS95	80	59
SS105	80	59

## Tool Joint Tensile Properties (Mpa/Ksi)

	Min	Max
Yield Strength	758 / 110	862 / 125
Tensile Strength	862 / 125	1000 / 145

## Tool Joint Weld Zone Impact

	Impact Min Ave(Jule)	Impact Min Av(Ft-lb)
Tool Joint	90	66
Weld Zone	27	20