



POLAR ENGG & TRADING F.Z.C

Tensile Requirements for PSL 1

Grade	Yield Strength, Minimum		Ultimate Tensile Strength, Minimum	
	psi	MPa	psi	MPa
A25	25,000	(172)	45,000	(310)
A	30,000	(207)	48,000	(331)
B	35,000	(241)	60,000	(414)
X42	42,000	(290)	60,000	(414)
X46	46,000	(317)	63,000	(434)
X52	52,000	(359)	66,000	(455)
X56	56,000	(386)	71,000	(490)
X60	60,000	(414)	75,000	(517)
X65	65,000	(448)	77,000	(531)
X70	70,000	(483)	82,000	(565)

Tensile Requirements for PSL 2

Grade	Yield Strength, Minimum		Yield Strength, Maximum ^b		Ultimate Tensile Strength, Minimum		Ultimate Tensile Strength, Maximum ^c	
	psi	MPa	psi	MPa	psi	MPa	psi	MPa
B	35,000	(241)	65,000 ^d	(448)	60,000	(414)	110,000	(758)
X42	42,000	(290)	72,000	(496)	60,000	(414)	110,000	(758)
X46	46,000	(317)	76,000	(524)	63,000	(434)	110,000	(758)
X52	52,000	(359)	77,000	(531)	66,000	(455)	110,000	(758)
X56	56,000	(386)	79,000	(544)	71,000	(490)	110,000	(758)
X60	60,000	(414)	82,000	(565)	75,000	(517)	110,000	(758)
X65	65,000	(448)	87,000	(600)	77,000	(531)	110,000	(758)
X70	70,000	(483)	90,000	(621)	82,000	(565)	110,000	(758)
X80	80,000	(552)	100,000 ^e	(690)	90,000	(621)	120,000	(827)