



Chemical composition of hot-rolled steel belt 2767

ترکیب شیمیایی تسمه فولاد گرمکار ۲۷۶۷

Element	Min	Max
1 C	0.4	0.5
2 Si	0.1	0.4
3 Mn	0.15	0.45
4 P	–	0.03
5 S	–	0.03
6 Cr	1.2	1.5
7 Mo	0.15	0.35
8 V	–	–
9 Ni	3.8	4.3
10 W	0.4	0.6

منبع اطلاعاتی: <https://www.fushunspecialsteel.com/a-guide-to-1-2767-steel/>

Mechanical data of hot-rolled steel belt 2767

اطلاعات مکانیکی تسمه فولاد گرمکار ۲۷۶۷

Proof strength $R_{p0.2}$ (MPa)	Tensile strength R_m (MPa)	Impact energy KV(J)	Elongation at fracture A(%)	Reduction in cross section on fracture Z(%)	As-Heat-Treated Condition	Brinell hardness(HBW)
346(≥)	535(≥)	44	33	22	Solution and Aging, Annealing, Ausaging, Q+T, etc	422

منبع اطلاعاتی: <https://tool-die-steels.com/grades/Special-Alloy/45/630/1-2767-steel.html>



Specialized dimensional tolerances for hot-rolled steel belt 2767

تولانس ابعادی تخصصی تسمه فولاد گرمکار ۲۷۶۷

Nominal thickness	Maximum thickness difference within a plate					
	Nominal width					
	$\geq 600 < 2000$	$\geq 2000 < 2500$	$\geq 2500 < 3000$	$\geq 3000 < 3500$	$\geq 3500 < 4000$	≥ 4000
$\geq 3 < 5$	0.8	0.9	0.9	—	—	—
$\geq 5 < 8$	0.9	0.9	1.0	1.0	—	—
$\geq 8 < 15$	0.9	1.0	1.0	1.1	1.1	1.2
$\geq 15 < 25$	1.0	1.1	1.2	1.2	1.3	1.4
$\geq 25 < 40$	1.1	1.2	1.2	1.3	1.3	1.4
$\geq 40 < 80$	1.2	1.3	1.4	1.4	1.5	1.6
$\geq 80 < 150$	1.3	1.4	1.5	1.5	1.6	1.7
$\geq 150 < 250$	1.4	1.5	1.6	1.6	1.7	—

منبع اطلاعاتی: https://bssa.org.uk/bssa_articles/tolerances-to-en-10029-for-hot-rolled-plate-3mm-and-above/