

**TOSÇELİK STANDARD GRADES**

STANDARD		EN 10025-2	
STANDARD GRADE	TOS GRADE	NOTE	
S235JR	TOS3750		
	TOS3780	Si max. 0,030	
S235J2	TOS3727		
S275JR	TOS4450		
	TOS4480	Si max. 0,030	
S275J2	TOS4427		
S355JR	TOS5250		
	TOS5280	Si max. 0,030	
S355J2	TOS5227		

**PRODUCT DEFINITION**

Hot Rolled Coil is produced according to EN 10025-2:2004 Chemical and Mechanical Properties, suitable for General Constructinal Purposes.

Production method : Steel making by EAF and LF, Slab Casting and Hot Rolling

For API Grades, an agreement between TOSÇELİK and the client on the coil mechanical properties to be guaranteed must be reached during ordering. If skin pass is ordered, coil having a thickness of 4 mm and below is six months guaranteed for coil breaks problem.

**COIL SPECIFICATIONS**

	MIN	MAX
Weight (kg/mm x width)	13,3	16,3
Width range (mm)	550	1000
Thickness range (mm)	1,00	10,00
Inner diameter (mm)	760 mm +/- 7 %	
Outer diameter (mm)	1600	1800
Telescopicity (mm)	50	

Packing : One circumferential, three eye banding

Width tolerance : For all width ranges -0; +20 mm

All tolerances are valid for hot rolled coil (mill edge)

Thickness tolerance is valid for the measurements 40 mm inside from both edges.

Tolerances are not applicable for both ends (90/thickness, but maximum 20 m)

**THICKNESS TOLERANCE**

THICKNESS	TOLERANCE
1,00-1,50	+/- 0,15
1,51-2,00	+/- 0,16
2,01-2,50	+/- 0,17
2,51-3,00	+/- 0,18
3,01-4,00	+/- 0,20
4,01-5,00	+/- 0,22
5,01-6,00	+/- 0,24
6,01-8,00	+/- 0,26
8,01-10,00	+/- 0,30

STANDARD		DIN-EN 10149-2	
STANDARD GRADE	TOS GRADE	NOTE	
S315MC	TOS4460		
S355MC	TOS5260		

**PRODUCT DEFINITION**

Hot Rolled Coil is produced according to DIN-EN 10149-2

Chemical and Mechanical Properties, suitable for Cold Bending.

STANDARD		API 5L	
STANDARD GRADE	TOS GRADE	NOTE	
A	TOS9030		
B	TOS9035		
X42	TOS9042		
X46	TOS9046		
X52	TOS9052		
X56	TOS9056		

**PRODUCT DEFINITION**

Hot Rolled Coil is produced according to API 5L

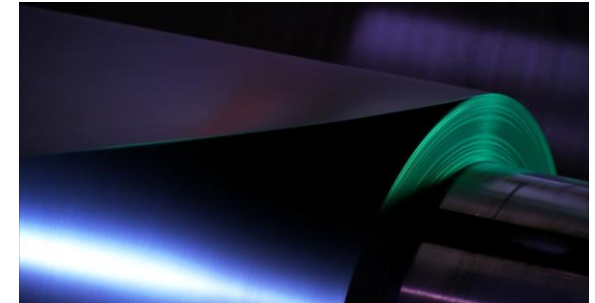
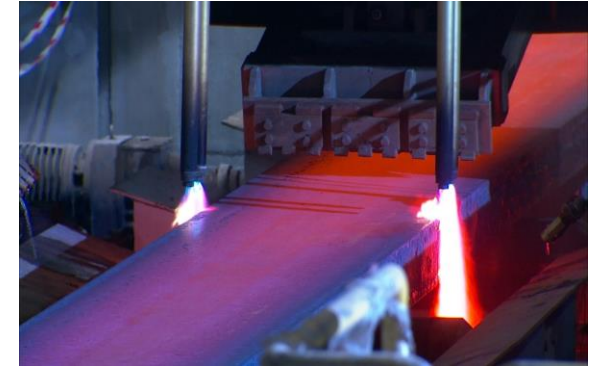
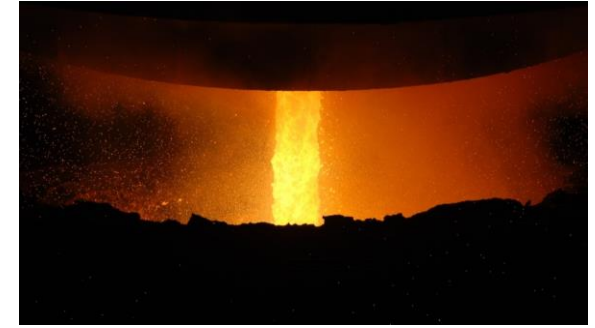
Chemical and Mechanical Properties, suitable for Petroleum Line Pipe Production.

STANDARD		API 5CT	
STANDARD GRADE	TOS GRADE	NOTE	
J55	TOS9255		

**PRODUCT DEFINITION**

Hot Rolled Coil is produced according to API 5CT

Chemical and Mechanical Properties, suitable for Tubing and Casing pipe Production.



**MAXIMUM COIL WIDTHS FOR GRADES**

THICKNESS	I	II	III	IV
1,00-1,29	750	700	650	600
1,30-1,49	800	750	700	650
1,50-1,74	850	800	750	700
1,75-1,99	900	875	825	775
2,00-2,24	900	900	875	825
2,25-2,49	900	900	900	900
2,50-5,00	900	900	900	900
5,01-10,00	1000	1000	1000	1000

For all thickness and grades minimum width is 550 mm.

Grup -I	3750, 3780, 9030, 3727
Grup -II	4450, 4480, 9035, 9042, 4427
Grup -III	4460, 5250, 5260, 5280, 9046, 9052, 5227
Grup -IV	9056, 9255