

UNI EN 10084

Tipi di acciaio, composizione chimica (analisi di colata)

Composizione chimica										
Designazione dell'acciaio (in% di massa)										
Simbolica	Numerica	C	Si	Mn	P	S	Cr	Mo	Ni	B
			max			max				
C10E	1.1121	0.07÷0.13	0.40	0.30÷0.60	0.035	0.035				
C10R	1.1207	0.07÷0.13	0.40	0.30÷0.60	0.035	0.20÷0.040				
C15E	1.1141	0.12÷0.18	0.40	0.30÷0.60	0.035	0.035				
C15R	1.1140	0.12÷0.18	0.40	0.30÷0.60	0.035	0.20÷0.040				
C16E	1.1148	0.12÷0.18	0.40	0.60÷0.90	0.035	0.035				
C16R	1.1208	0.12÷0.18	0.40	0.60÷0.90	0.035	0.20÷0.040				
17Cr3	1.7016	0.14÷0.20	0.40	0.60÷0.90	0.035	0.035	0.70÷1.00			
17CrS3	1.7014	0.14÷0.20	0.40	0.60÷0.90	0.035	0.20÷0.040	0.70÷1.00			
28Cr4	1.7030	0.24÷0.31	0.40	0.60÷0.90	0.035	0.035	0.90÷1.20			
28CrS4	1.7036	0.24÷0.31	0.40	0.60÷0.90	0.035	0.20÷0.040	0.90÷1.20			
16MnCr5	1.7131	0.14÷0.19	0.40	1.00÷1.30	0.035	0.035	0.80÷1.10			
16MnCrS5	1.7139	0.14÷0.19	0.40	1.00÷1.30	0.035	0.20÷0.040	0.80÷1.10			
16MnCrB5	1.7160	0.14÷0.19	0.40	1.00÷1.30	0.035	0.035	0.80÷1.10		0.0008÷0.0050	
20MnCr5	1.7147	0.17÷0.22	0.40	1.10÷1.40	0.035	0.035	1.00÷1.30			
20MnCrS5	1.7149	0.17÷0.22	0.40	1.10÷1.40	0.035	0.20÷0.040	1.00÷1.30			
18CrMo4	1.7243	0.15÷0.21	0.40	0.60÷0.90	0.035	0.035	0.90÷1.20	0.15÷0.25		
18CrMoS4	1.7244	0.15÷0.21	0.40	0.60÷0.90	0.035	0.20÷0.040	0.90÷1.20	0.15÷0.25		
22CrMoS3-5	1.7333	0.19÷0.24	0.40	0.70÷1.00	0.035	0.20÷0.040	0.70÷1.00	0.40÷0.50		
20MoCr3	1.7320	0.17÷0.23	0.40	0.60÷0.90	0.035	0.035	0.40÷0.70	0.30÷0.40		
20MoCrS3	1.7319	0.17÷0.23	0.40	0.60÷0.90	0.035	0.20÷0.040	0.40÷0.70	0.30÷0.40		
20MoCr4	1.7321	0.17÷0.23	0.40	0.70÷1.00	0.035	0.035	0.30÷0.60	0.40÷0.50		
20MoCrS4	1.7323	0.17÷0.23	0.40	0.70÷1.00	0.035	0.20÷0.040	0.30÷0.60	0.40÷0.50		
16NiCr4	1.5714	0.13÷0.19	0.40	0.70÷1.00	0.035	0.035	0.60÷1.00		0.80÷1.10	
16NiCrS4	1.5715	0.13÷0.19	0.40	0.70÷1.00	0.035	0.20÷0.040	0.60÷1.00		0.80÷1.10	
10NiCr5-4	1.5805	0.07÷0.12	0.40	0.60÷0.90	0.035	0.035	0.90÷1.20		1.20÷1.50	
18NiCr5-4	1.5810	0.16÷0.21	0.40	0.60÷0.90	0.035	0.035	0.90÷1.20		1.20÷1.50	
17CrNi6-6	1.5918	0.14÷0.20	0.40	0.50÷0.90	0.035	0.035	1.40÷1.70		1.40÷1.70	
15NiCr13	1.5272	0.14÷0.20	0.40	0.40÷0.70	0.035	0.035	0.60÷0.90		3.00÷3.50	
20NiCrMo2-2	1.6523	0.17÷0.23	0.40	0.65÷0.95	0.035	0.035	0.35÷0.70		0.40÷0.70	
20NiCrMoS2-2	1.6526	0.17÷0.23	0.40	0.65÷0.95	0.035	0.20÷0.040	0.35÷0.70	0.15÷0.25	0.40÷0.70	
17NiCrMo6-4	1.6566	0.14÷0.20	0.40	0.60÷0.90	0.035	0.035	0.80÷1.10	0.15÷0.25	1.20÷1.50	
17NiCrMoS6-4	1.6569	0.14÷0.20	0.40	0.60÷0.90	0.035	0.20÷0.040	0.80÷1.10	0.15÷0.25	1.20÷1.50	
20NiCrMoS6-4	1.6571	0.16÷0.23	0.40	0.50÷0.90	0.035	0.20÷0.040	0.60÷0.90	0.15÷0.25	1.40÷1.70	
18CrNiMo7-6	1.6587	0.15÷0.21	0.40	0.50÷0.90	0.035	0.035	1.50÷1.80	0.25÷0.35	1.40÷1.70	
14NiCrMo13-4	1.6557	0.11÷0.17	0.40	0.30÷0.60	0.035	0.035	0.80÷1.10	0.25÷0.35	3.00÷3.50	