

8XXX Series

In 8XXX series alloy range, we can supply material in 8011.

Alloy 8011

Chemical Composition - AA 8011

Alloy	Fe	Si	Mg	Mn	Cu	Zn	Ti	Cr	Each	Al
8011 (min)	0.60	0.60	0.01	0.01	0.01	0.01	0.020	Trace	0.05	98.00
8011 (max)	0.95	0.95	0.10	0.10	0.20	0.20	0.030	Trace	0.15	

*The given data is in %

Mechanical Properties - AA 8011

Alloy	Temper	UTS (Mpa)		% Elongation		
		Min	Max	0.5 mm - 0.8 mm	0.81 mm - 1.30 mm	1.30 mm - above
8011	O	85	120	20	23	25
	H12	105	140	5	6	7
	H14	125	160	3	4	5
	H16	150	180	2	3	4
	H18	175	---	2	2	3