

## 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
<b>8011 (min)</b>	0.60	0.60	0.01	0.01	0.01	0.01	0.020	Trace	0.05	98.00
<b>8011 (max)</b>	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