



Data Sheet

SAE1008

Cold-Rolled

Revision: 31/1/2012

CR

GENERAL DESCRIPTION

Cold rolled, full hard

APPLICATIONS

- Feed for continuous galvanizing for noncritical end uses
- Fabrication

STANDARDS

- AS/NZS 1365:1996

CHEMICAL COMPOSITION	TYPICAL (wt %)	EXPECTED MAXIMUM (wt %)
Carbon (C)	0.050	0.070
Silicon (Si)	0.003	0.030
Manganese (Mn)	0.200	0.750
Sulphur (S)	0.020	0.030
Phosphorus (P)	0.015	0.030

MECHANICAL PROPERTIES
This grade is not mechanically tested

FABRICATING PERFORMANCE 1 = Limited 5 = Excellent	
METHOD	RATING
Drawing	-
Pressing	-
Bending	-
Roll-forming	-
Welding	5

DIMENSION CAPABILITIES	
THICKNESS (mm)	WIDTH (mm)
0.40 – 0.49 ^[1]	840 – 1250 (Mill edge only)
0.50 – 0.59	612 – 1350
0.60 – 0.69	612 – 1400
0.70 – 2.0	612 – 1530
2.0 – 2.50	622 – 1350
2.50 – 3.00 ^[2]	900(M) – 1250(M)

^[1] Equivalent grades less than 0.500 mm thickness shall be produced from warm-rolled coil.

^[2] Thickness greater than 2.500 mm is only available as mill edge.

(T) = Trim edge, (M) = Mill edge

AVAILABLE FORMS
Coil only

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