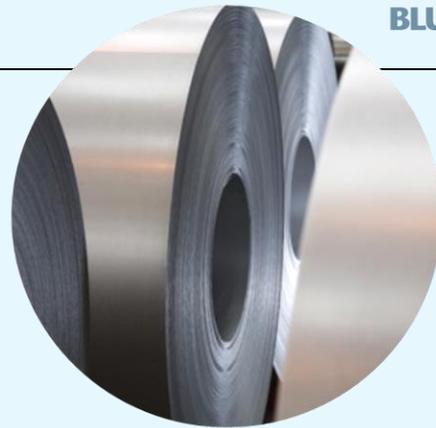


Uncoated Steel – Cold Rolled

Data Sheet



August 2019. This literature supersedes all previous issues



CM350-G[®] steel

General Description

Cold-rolled, high strength, low alloy steel combining high yield strength (guaranteed 350MPa minimum) with good formability.

Typical Uses

Automotive components, seat parts, tubing.

Australian and International Standards

AS/NZS 1365:1996

ISO 9001: 2015 Quality System Certified

Guaranteed properties of steel base

Mechanical properties	Guaranteed value
Yield Strength, MPa (longitudinal tensile)	350 min
Tensile Strength, MPa	430 min
Elongation on 80mm (%)	22 min
180° Transverse Bend (L axis)	0 t

Chemical composition of steel base

Chemical properties	Guaranteed maximum %
Carbon - C	0.11
Manganese - Mn	1.60
Phosphorus - P	0.025
Sulfur - S	0.015

Dimensional capabilities

Thickness range (mm)	Maximum width (mm)
0.70 – 2.00	1370

Notes: Not every combination of thickness and width may be available. Supply conditions may be subject to dimensional restrictions and are subject to BlueScope Sales and Marketing confirmation. Slitting and shearing available on request from BlueScope Sales Offices. For requirements outside the standard product range please contact your local Sales Office.

Supply conditions

Attribute	Normal	Optional
Surface Condition	Matt	-
Surface Treatment	Oiled	Not Oiled
Branding	Not Branded	-
Tolerance - Dimensions	Class A	Class B
Tolerance - Flatness	Class A	Class B (Sheet only)
Edge Condition	Mill Edge	Trimmed Edge

Important Notes: Optional supply conditions may be subject to dimensional restrictions

Fabricating performance

Method	Rating
Bending	5
Drawing	3
Pressing	3
Roll Forming	5
Welding (design must allow for some strength reduction near welds)	5
Painting Pre-treatment	5

Where: 1 = Limited to 5 = Excellent or NR = Not Recommended

The ratings in this table are general indicators only, given as a guide to fabricating performance.

Important information

Material should be used promptly to avoid the possibility of a storage related corrosion. Oiling improves corrosion resistance, but oiled product should be used within three months.

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To ensure you have the most current Data Sheet

1800 024 402

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For more information contact Steel Direct



The information contained in this datasheet is provided by way of general information about this product only, and has not been prepared with your specific needs in mind. We recommend that you seek BlueScope Steel Limited's advice as to the suitability of this product for the purpose(s) for which you propose to use it. To contact BlueScope Steel Limited for advice about your proposed use of this product, please contact Steel Direct. CM350-C®, BlueScope and the BlueScope brand mark are registered trade marks of BlueScope Steel Limited.

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