

A Ferragone Company



# HyCAL MP1180

[hycalcorp.com](http://hycalcorp.com)

HyCAL MP1180 is our premiere multiphase grade. With good ductility and excellent cold forming properties, it is well suited to many processes, including bending, stamping, and deep drawing.

Delivers high impact energy absorption.

## TYPICAL PROPERTIES

- Yield strength average: 909 MPa
- Tensile strength average: 1254 MPa
- Elongation average: 7.5%

## MECHANICAL PROPERTIES

STANDARD	COATING	TEST DIRECTION	YIELD STRENGTH (Mpa)	TENSILE STRENGTH (Mpa)	ELONGATION (Minimum)	BEND RADIUS
GMW3399	U, EG	L	875-1150	1180-1350	6.0	3.5T

## CHEMISTRY (Maximum Ranges)

C	Mn	Al**	Si	P	S	Cu	B	Cr+Mo
0.23	3.0	0.015	0.5	0.04	0.015	0.2	0.005	1.5

### THICKNESS RANGE

0.50mm-2.29mm\*

### COIL/SLIT WIDTH

1220mm and under

### ID

508-609mm

### OD

1828mm Max

### WEIGHT

22,316 kg

\*CONTACT US FOR OTHER THICKNESSES    \*\*MINIMUM RANGE

CAN PROVIDE STRIP TOLERANCE GAUGE CONTROL WHEN REQUIRED.

PRODUCT CAN BE SUPPLIED WITH ELECTROGALVANIZED COATINGS TO OEM SPECIFIC TOLERANCES.

(734)561-2000 • [info@hycal.com](mailto:info@hycal.com)

DRIVING STEEL LIGHTWEIGHTING TECHNOLOGY FORWARD.