

A Ferragone Company



# HyCAL DP780

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

HyCAL Dual Phase grades provide excellent ductility and formability. A mixture of martensite in a ferrite matrix results in a comparatively low yield strength, with a high work hardening rate. Small amounts of bainite and retained austenite may be present.

## TYPICAL PROPERTIES

- Yield strength average: 531 MPa
- Tensile strength average: 863 MPa
- Elongation average: 16.7%

## MECHANICAL PROPERTIES

STANDARD	COATING	TEST DIRECTION	YIELD STRENGTH (Mpa)	TENSILE STRENGTH (Mpa)	ELONGATION (Minimum)	BEND RADIUS
SAEJ2745	U, EG	L	450-550	780-900	15	2T

## CHEMISTRY (Maximum Ranges)

C	Mn	Al**	Si	P	S	Cu	B	Cr+Mo
0.18	2.5	0.01	0.60	0.04	0.015	0.20	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.

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DRIVING STEEL LIGHTWEIGHTING TECHNOLOGY FORWARD.