

A Ferragone Company



HyCAL DP980

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: 601 MPa
- Tensile strength average: 1053 MPa
- Elongation average: 13.1%

MECHANICAL PROPERTIES

STANDARD	COATING	TEST DIRECTION	YIELD STRENGTH (Mpa)	TENSILE STRENGTH (Mpa)	ELONGATION (Minimum)	BEND RADIUS
SAEJ2745	U, EG	L	550-730	980-1130	8	2T

CHEMISTRY (Maximum Ranges)

C	Mn	Al**	Si	P	S	Cu	B	Cr+Mo
0.23	3.0	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.