

NEXMET®

1000/1200



A Pillar

B Pillar

Cross Member

**Structure Components
of Vehicles**

NEXMET® 1000/1200 are lightweighting solutions providing significantly improved formability at higher ultimate tensile strength levels. Enhanced processing capabilities to Cleveland-Cliffs' hot-dip galvanizing line at Dearborn Works permit the production of both coated and cold-rolled Next-Generation Advanced High Strength Steels on the same line.

NEXMET® 1000/1200

NEXMET 1000/1200 are Next Generation Advanced High Strength Steel products having microstructures containing martensite, bainite and retained austenite, resulting in high strength with excellent ductility (elongation) and hole expansion ratio.

PRODUCT COMPARISON

	NEXMET 1000	NEXMET 1200
Yield Strength (MPa), avg.	700	1050
Tensile Strength (MPa), avg.	1020	1230
Tensile Elongation, (%), avg.	21	15

Available as hot-dip galvanized (GI) or uncoated.
Galvannealed (GA) under development.

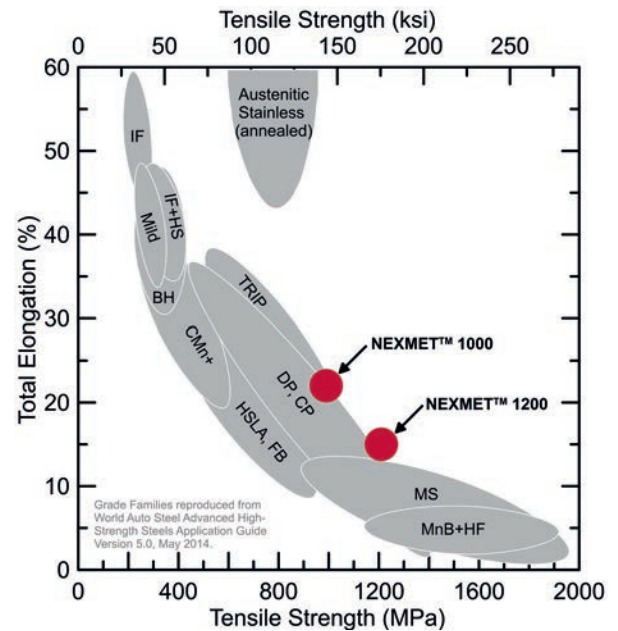
ADVANTAGES

- Lean C-Mn Base Composition
- Continuous Yielding
- Excellent Uniform Elongation
- High Strain Rate Sensitivity
- Good Fatigue Resistance
- Bake Hardenable
- Uncoated Cold-Rolled (CAL)
- Galvanized (GI)

CAPABILITIES

- Gauge 1.0 – 2.0 mm
- Maximum width 1,350 mm

POTENTIAL APPLICATIONS





NEXMET® 1000/1200

About Cleveland-Cliffs Inc.

Cleveland-Cliffs is the largest flat-rolled steel producer in North America. Founded in 1847 as a mine operator, Cliffs also is the largest manufacturer of iron ore pellets in North America. The Company is vertically integrated from mined raw materials and direct reduced iron to primary steelmaking and downstream finishing, stamping, tooling, and tubing. The Company serves a diverse range of markets due to its comprehensive offering of flat-rolled steel products and is the largest steel supplier to the automotive industry in North America. Headquartered in Cleveland, Ohio, Cleveland-Cliffs employs approximately 25,000 people across its mining, steel and downstream manufacturing operations in the United States and Canada.



CLEVELAND-CLIFFS INC.

200 Public Square
Suite 3300
Cleveland, OH 44114-2315
844.STEEL99 | 844.783.3599
clevelandcliffs.com

All information in this brochure is for the purpose of information only. Cleveland-Cliffs reserves the right to change its product range at any time without prior notice.