

# S900MC — EN 10149-2 (2013)- Technical Data sheet

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## 1. Chemical & Mechanical Properties

C (%)	Mn (%)	Si (%)	P (%)	S (%)	Yield (MPa)	UTS (MPa)	Elong (%)
0.20	2.20	0.60	0.025	0.010	≥900	930–1200	7 / 8

## 2. Equivalent / Alternative Grades

Grade	Standard	YS	UTS	C max (%)
Strenx 960MC	SSAB	960	1100	0.20
ASTM A514 GrQ	ASTM A514	690	760	0.35

## 3. Common Applications

- Ultra-heavy structures
- Mining dump bodies
- Long-reach crane booms

## 4. Standard Conformance

EN 10149-2 : 2013 — High-strength, thermomechanically rolled steels for cold forming

## 5. Disclaimer

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