

# S460MC — EN 10149-2 (2013)

---

## 1. Chemical & Mechanical Properties

C (%)	Mn (%)	Si (%)	P (%)	S (%)	Yield (MPa)	UTS (MPa)	Elong (%)
0.12	1.60	0.50	0.025	0.015	≥460	520-670	14 / 17

## 2. Equivalent / Alternative Grades

Grade	Standard	YS	UTS	C max (%)
ASTM A572 Gr60	ASTM A572	415	550	0.23
Strenx 600MC	SSAB	600	750	0.12

## 3. Common Applications

- Truck side members
- Agricultural equipment
- Cranes (light duty)

## 4. Standard Conformance

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

## 5. Disclaimer

All chemical compositions, mechanical properties, dimensions and other technical data presented on this page are provided by Raunaq Steels Trading Pvt. Ltd. for **general reference only**. While we endeavour to ensure that the information is as accurate and up-to-date as possible, **no warranty, express or implied, is given** as to its completeness, correctness or fitness for any particular purpose. Raunaq Steels Trading Pvt. Ltd. **accepts**

**no liability** for any loss or damage arising directly or indirectly from the use of, or reliance upon, the information contained herein.

For **authoritative** and **legally binding** specifications, users must refer to the **official publications** of the relevant standards—such as the BIS, ASTM, EN or JIS standards—available through their respective websites or published documents.