

S550MC — EN 10149-2 (2013)- Technical Data sheet

1. Chemical & Mechanical Properties

C (%)	Mn (%)	Si (%)	P (%)	S (%)	Yield (MPa)	UTS (MPa)	Elong (%)
0.12	1.80	0.50	0.025	0.015	≥550	600-760	12 / 14

2. Equivalent / Alternative Grades

Grade	Standard	YS	UTS	C max (%)
Strenx 700MC	SSAB	700	950	0.12
ASTM A1018 HSLAS-F Grade 70	ASTM A1018	485	595	0.20

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.