

S355MC — EN 10149-2 (2013) Technical Datasheet

1. Chemical & Mechanical Properties

C (%)	Mn (%)	Si (%)	P (%)	S (%)	Yield (MPa)	UTS (MPa)	Elong (%)
0.12	1.50	0.50	0.025	0.020	≥355	430-550	19 / 23

2. Equivalent / Alternative Grades

Grade	Standard	YS	UTS	C max (%)
CR700LA	ASTM A1011	365	500	0.20
S355J2+N	EN 10025-2	355	510	0.22

3. Common Applications

- Automotive chassis components
- Cold-formed brackets
- Bus frame parts

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.