

S315MC— EN 10149-2 (2013)-Technical Datasheet

1. Chemical & Mechanical Properties

C (%)	Mn (%)	Si (%)	P (%)	S (%)	Yield (MPa)	UTS (MPa)	Elong (%)
0.12	1.30	0.50	0.025	0.020	≥315	390–510	20 / 24

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, thermomechanical rolled steels for cold forming

5. Disclaimer

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