

HRB400E– Technical Datasheet

1. Chemical & Mechanical Properties

Element	% Composition
C (%)	0.25
S (%)	0.045
P (%)	0.045
Yield (MPa)	400
Tensile (MPa)	540
Elongation (%)	16
Agt (%)	9

2. Equivalent / Alternative Grades

Grade	Standard	Yield (MPa)	Tensile (MPa)	Carbon Max (%)
ASTM A615 Grade 60	ASTM A615	420	620	0.30
BS 4449 B460C	BS 4449	460	540	0.25
ISO 6935 B500A	ISO 6935-2	500	575	0.24

3. Common Applications

- General residential & low-rise buildings
- Slabs, beams & columns in moderate load

4. Standard Conformance

GB/T 1499.2-2018

5. Disclaimer

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