

# HRB400 - Technical Datasheet

#### 1. Chemical & Mechanical Properties

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

## 2. Equivalent / Alternative Grades

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

### **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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