

HRB600– Technical Datasheet

1. Chemical & Mechanical Properties

Element	% Composition
C (%)	0.25
S (%)	0.045
P (%)	0.045
Yield (MPa)	600
Tensile (MPa)	720
Elongation (%)	15

2. Equivalent / Alternative Grades

Grade	Standard	Yield (MPa)	Tensile (MPa)	Carbon Max (%)
ASTM A1035 Grade 100	ASTM A1035	690	860	0.20
GB/T HRB600	GB/T 1499.2	600	720	0.25
ISO 6935 B600	ISO 6935-2	600	720	0.24

3. Common Applications

- Infrastructure requiring high strength to weight
- Industrial foundations

4. Standard Conformance

GB/T 1499.2-2018

5. Disclaimer

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