

IS1079 HR3 – Technical Datasheet

1. Chemical & Mechanical Properties

A. Chemical Composition (Max %)

Element	Max %
C	0.15
Mn	1.50
P	0.040
S	0.040

B. Mechanical Properties (Typical / Min)

Property	Value
Yield Strength	≥ 200 MPa
Tensile Strength	340–380 MPa
Elongation	≥ 30 %

2. Equivalent / Alternative Grades

Standard	Grade
EN 10111	DD13
JIS G3132	SPHT2

3. Common Applications

- Deep drawing
- Fuel tanks

- Complex stampings

4. Standard Conformance

Conforms to IS 1079 : 2017 – Hot-Rolled Carbon-Steel Sheet, Plate and Strip grades.

5. Disclaimer

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