

# IS1079 HR4 – Technical Datasheet

## 1. Chemical & Mechanical Properties

### A. Chemical Composition (Max %)

Element	Max %
C	0.12
Mn	1.50
P	0.040
S	0.040

### B. Mechanical Properties (Typical / Min)

Property	Value
Yield Strength	$\geq 180$ MPa
Tensile Strength	320–360 MPa
Elongation	$\geq 32$ %

## 2. Equivalent / Alternative Grades

Standard	Grade
EN 10111	DD14
JIS G3132	SPHT3

### 3. Common Applications

- Extra-deep drawing
- Automotive body parts
- White-goods panels

### 4. Standard Conformance

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

### 5. Disclaimer

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