

# IS1079 HR3 – Technical Datasheet

# **1. Chemical & Mechanical Properties**

### A. Chemical Composition (Max %)

Element	Max %
C	0.15
Mn	1.50
Р	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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