

UttamHard – Technical Datasheet

1. Chemical & Mechanical Properties

Property	Value
Carbon (C)	$\leq 0.23\%$
Manganese (Mn)	$\leq 1.60\%$
Silicon (Si)	$\leq 0.50\%$
Phosphorus (P)	$\leq 0.050\%$
Sulphur (S)	$\leq 0.050\%$
Chromium (Cr)	$\leq 0.65\%$
Hardness	≥ 200 HBW
Yield Strength	≈ 250 MPa
Tensile Strength	430 – 560 MPa
Elongation	$\geq 18 \%$

2. Equivalent / Alternative Grades

Brand	Hardness (HB)
TISCRA	≥ 200
SAIL HARD	≥ 200

3. Common Applications

- Chute & hopper liners
- Dump truck floors

- Buckets & blade edges

4. Standard Conformance

UttamHard (Evonith AS-07) – proprietary 200 HB wear plate from Evonith/ Uttam.

5. Disclaimer

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