

SD500W

Chemical composition, mechanical and physical property values, and 1 standard designations from 1 regions.

OTHER DESIGNATIONS	PROPERTY VALUES
1 in 1 regions	0 on file

Chemical composition	Mass fraction in %
No chemical composition is on file for this material number.	

Predicted transformation temperatures
Not enough recorded composition to predict a transformation temperature for this grade — missing: C, Mn, Si, Ni, Cr, Mo.

Mechanical properties	3 values across 1 conditions		
CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A %
Bars	620	500	12–14

Designations across standards	1 designations · 1 documented as identical
South Korea	1
SD500W This grade's own name	ks

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about SD500W

Quotation, availability, mill certificate or a technical question — directly on the material page.

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MATERIAL NO.

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ISSUED

Aug 20, 2026