NM300 (GB/T 24186)

Abrasion-resistant steel plate

EQUIVALENT GRADES

India (IS)	IS 18809 has no 300 class; nearest is a 300 BHN mill grade
China (GB)	NM300 (GB/T 24186-2022)

CHEMICAL COMPOSITION (WEIGHT %)

C **max 0.23**	Si **max 0.70**	Mn **max 1.60**	P **max 0.025**
S **max 0.015**	Cr **max 0.80**	Ni **max 0.50**	Mo **max 0.40**
Ti **max 0.050**	B **0.0005–0.006**	Al **min 0.010**	

PROPERTIES

Mechanical (typical)	Surface 270–330 HBW | Tensile min 1000 MPa | Elongation min 14% (transverse, by agreement)
Density	7.85 g/cm3 (7,850 kg/m3)
Typical uses	Mostly used for moderate-wear parts where formability matters: truck liners, hoppers, chutes
Notes	Chinese national standard grade. Chinese mills (for example Baowu/Baosteel, Ansteel/Yingkou, HBIS Wuyang and Tangshan, Valin Xiangtan, Xinyu and Nanjing Steel) supply wear plate to GB/T 24186 NM grades, often under their own brand names. Residuals Cu max 0.30, As max 0.08. D and E sub-grades add impact testing at -20 °C and -40 °C.

SUPPLY

Enquiry	Send grade, product form, size, quantity and delivery location for a quotation. Mill test certificates as per order.
Online	Equivalents, full chemistry by standard and weight calculator: https://steelimp.com/nm300-equivalent-grades

Steel Impex India
231/235 Chouhan House, 2nd Kumbharwada Lane, Sant Sena Maharaj Marg, Mumbai, Maharashtra 400004, India
Tel: +91 95946 66986
sanjay@steelimp.com
Enquiry: steelimp.com/quote.php

Reference values compiled from published standards. Confirm against the governing standard, product form and the mill test certificate. Generated 12 Nov 2026.