NM600 (GB/T 24186)

Abrasion-resistant steel plate

EQUIVALENT GRADES

India (IS)	IS 18809 ISAR 600 (nearest)
Europe (EN)	Hardox 600 (SSAB, nearest)
China (GB)	NM600 (GB/T 24186-2022)

CHEMICAL COMPOSITION (WEIGHT %)

C **max 0.45**	Si **max 0.70**	Mn **max 1.90**	P **max 0.020**
S **max 0.010**	Cr **max 1.60**	Ni **max 2.0**	Mo **max 0.80**
Ti **max 0.050**	B **0.0005–0.006**	Al **min 0.010**	

PROPERTIES

Mechanical (typical)	Surface 570–640 HBW
Density	7.85 g/cm3 (7,850 kg/m3)
Typical uses	Mostly used for extreme sliding wear: mining liners, knives, crusher parts
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/nm600-equivalent-grades

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