CREUSABRO 4800

Abrasion-resistant steel plate

EQUIVALENT GRADES

India (IS)	IS 18809 ISAR 400 (nearest by hardness)
Europe (EN)	CREUSABRO 4800 (Industeel)

CHEMICAL COMPOSITION (WEIGHT %)

C **max 0.20**	Mn **max 1.6**	P **max 0.018**	S **max 0.005**
Ni **max 1.0**	Cr **max 1.9**	Mo **max 0.40**	

PROPERTIES

Mechanical (typical)	350–420 HB (indicative 370) | Yield about 900 MPa | Tensile about 1200 MPa | 50 J at -40 °C (typical)
Density	7.85 g/cm3 (7,850 kg/m3)
Typical uses	Mostly used for buckets, liners, chutes, crusher and mining wear parts
Notes	Guaranteed properties 30–120 mm; sizes 3–150 mm. Work-hardens in service to well above its delivery hardness.

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/creusabro-4800-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.