

耐 磨 鋼 板

Abrasion Resistant Steel Plates

ABREX 450
廠方標準 Mill Standard

單位重量 Unit Weight (千克/件) (kg/sh)		尺寸 Size (mm)	
		1524 x 6096 (5' x 20')	
厚度 Thickness (mm)	5.0	364.64	
	6.0	437.57	

只供參考 For reference only

ABREX 500
廠方標準 Mill Standard

單位重量 Unit Weight (千克/件) (kg/sh)		尺寸 Size (mm)	
		2032 x 6096 --	
厚度 Thickness (mm)	5.0	486.19	
	6.0	583.43	

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布氏硬度 Brinell Hardness (HBW)

型號 Designation	硬度 Hardness	範圍 Range
ABREX 400	400	360 - 440
ABREX 450	450	410 - 490
ABREX 500	500	450 - 550
ABREX 600	600	550 - 650

化學成份 Chemical Composition

型號 Designation	Chemical Composition (%)										
	C	Si	Mn	P	S	Ni	Cr	Mo	B	Pcm	
										t ≤ 25	t > 25
ABREX 400	≤ 0.21	≤ 0.70	≤ 2.00	≤ 0.025	≤ 0.010	≤ 1.00	≤ 1.20	≤ 0.60	≤ 0.005	≤ 0.30	≤ 0.35
ABREX 450	≤ 0.23	≤ 0.70	≤ 2.00	≤ 0.025	≤ 0.010	≤ 1.00	≤ 1.20	≤ 0.60	≤ 0.005	≤ 0.36	≤ 0.36
ABREX 500	≤ 0.35	≤ 0.70	≤ 2.00	≤ 0.015	≤ 0.010	≤ 1.00	≤ 1.20	≤ 0.60	≤ 0.005	≤ 0.42	≤ 0.42
ABREX 600	≤ 0.45	≤ 0.70	≤ 2.00	≤ 0.015	≤ 0.010	≤ 1.00	≤ 1.20	≤ 0.60	≤ 0.005	≤ 0.54	--

$$P_{cm} = C + \frac{Si}{30} + \frac{Mn}{20} + \frac{Cu}{20} + \frac{Cr}{60} + \frac{Mo}{15} + \frac{V}{10} + 5B(\%)$$

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