

Wear-resistant steel plate

ABREX 450 is a standard wear-resistant steel with a nominal hardness of 450 HBW.

apply Bulldozer shovel bucket, dredger shovel bucket

chemical composition

(Packet sampling and analysis)

Plate thickness of mm	C	Si	Mn	P	S	Ni	Cr	Mo	B
6-100	Max %								
steel	0.23	0.70	2.0	0.025	0.01	1.0	1.50	0.06	0.005

carbon equivalent PCM

plate thickness mm	PCM crest value%
6-25	0.36
25-50	0.36
50	0.40

$$\text{PCM} = \text{C} + \frac{\text{Mn}}{6} + \frac{\text{Cr} + \text{Mo} + \text{V}}{5} + \frac{\text{Cu} + \text{Ni}}{15}$$

hardness HBW
410-490

mechanical behavior

	yield strength	tensile strength
Typical value of 25 mm thickness steel plate	YS MPa 1192	TS MPa 1469

impact ductility

guarantee value	trial ° C	Impact work (transverse direction) J
	0 (0F)	57

Jiangsu Runchang Hang steel plate Co., LTD
Manager Chen
Mobile phone: 19512000128
Q Q : 3091154643
E-mail: sales@rchsteel.com
Add: Science and Technology Pioneer Park, No. 14, Jinnan Road,
Jinfeng Town, Zhangjiagang City, Jiangsu Province

