

Ladle Slide Plates



The Alumina-carbon slide plates show the feature of lower percentage of carbon content, which will avoid the working surface of slide plates from being greatly roughened.

They are suitable to both low-carbon and super-low-carbon steel grades. Honsin group Alumina-carbon slide plates provide also high fired strength which reduce the bore-enlarging while sliding repeatedly.

Typical product characteristics tables :

Item		Alumina-carbon slide gate		
Brand		LTH-1	LTH-2	LTH-3
Chemical composition /% ≥	Al ₂ O ₃	75	80	88
	C	6	8	2
Apparent porosity g/cm ³ , ≥		9	7	7
Bulk density /Mpa, ≥		2.7	2.9	2.95

Crushing strength ≥ 1500 /%	50	95	100
Hot modulus of rupture (1400 embedded in carbon) /Mpa \geq	8	10	12
Application	20-30 Tons for steel once	30-80 Tons for steel twice	30-100 Tons for steel triple