

### Technical requirements for metallurgical manganese

Type	Grade	Chemical composition (quality score)								
		Mn/%	A:Mn/Fe; B:Mn+Fe			P/Mn			S/Mn	
			I	II	III	I	II	III	I	II
			≥			≤			≤	
<b>A</b>	AMn	≥44.0	15	10	3	0.0015	0.0025	0.0060	0.02	0.05
	AMn	40.0-< 44.0								
	AMn	36.0-< 40.0								
	AMn	32.0-< 36.0								
	AMn	28.0-< 32.0	10	5	2					
	AMn	24.0-< 28.0								
	AMn	22.0-< 24.0								
<b>B</b>	BMn	≥21.0	55	45	35	0.0025	0.010	Unlimited	0.01	Unlimited
	BMn	19.0-< 21.0								
	BMn	17.0-< 19.0								
	BMn	15.0-< 17.0								

Chemical composition for metallurgical manganese ore (YB/T319-2005)