

Material Grades And Chemical Specification

Austenitic manganese steels, high chromium white cast irons and alloy steels poured at the PangLei foundry, Qijiang District, Chongqing. Chemistry is verified from a sample taken during melting and adjusted before pouring. Samples are retained for at least three years for traceability.

High Manganese Grades

							Material
Mn13	11-14	1.00-1.45	0.3-1.0	< 0.06	< 0.04	-	
Mn13Cr2	11-14	1.15-1.25	0.3-0.8	< 0.06	< 0.04	1.5-2.5	
Mn18	17-19	1.2-1.3	0.3-0.8	< 0.06	< 0.04	-	
Mn18Cr2	17-19	1.2-1.3	0.4-0.9	< 0.06	< 0.04	1.5-2.5	
Mn20Cr3	19-21	1.2-1.3	0.3-0.8	< 0.06	< 0.04	2.5-3	
Mn22Cr2	21-23	1.1-1.4	0.3-0.8	< 0.06	< 0.04	1.5-2.5	
Mn22Cr3	21-23	1.1-1.4	0.3-0.8	< 0.06	< 0.04	2.5-3	

High Chromium White Cast Irons

- Cr15

Other Materials

- Mn13-22C

Heat Treatment

- Heating te

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