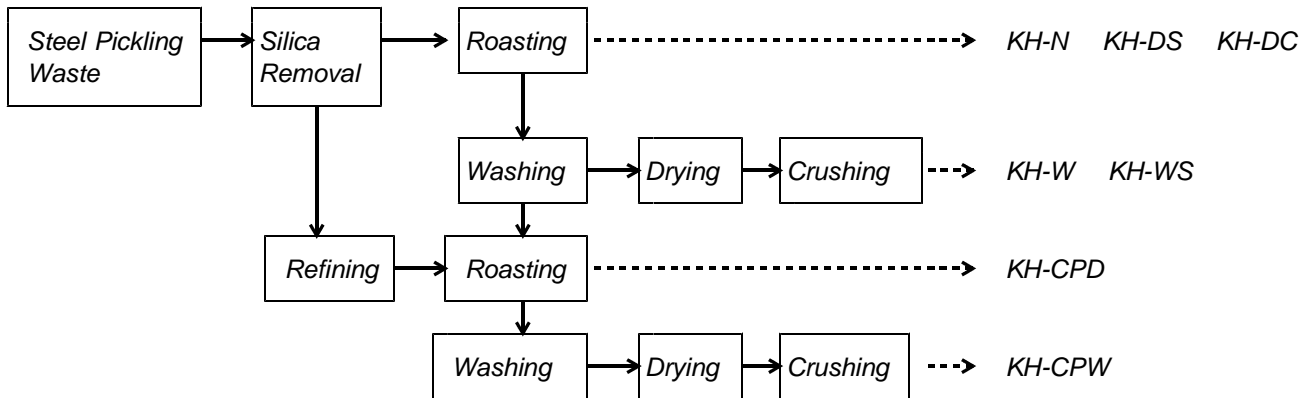


Specifications for Iron Oxide

Manufacturing Process :Product Grade

Grade Chemical Composition	Ordinary Products			Medium Purity Products		High-Purity Products	
	Product Brand No.	KH-N	KH-DS	KH-DC	KH-W	KH-WS	KH-CPD
Chemical Composition							
Fe ₂ O ₃ (%)	≥ 98.5	≥ 99.0	≥ 99.0	≥ 99.1	≥ 99.1	≥ 99.0	≥ 99.3
Cl (%)	≤ 0.30	≤ 0.15	≤ 0.15	≤ 0.10	≤ 0.10	≤ 0.30	≤ 0.07
SiO ₂	≤ 300	≤ 120	≤ 250	≤ 250	≤ 100	≤ 80	≤ 80
Mn (ppm)	≤ 2800	≤ 2800	≤ 2800	≤ 2800	≤ 2800	≤ 2800	≤ 2800
Ca (ppm)	≤ 450	≤ 450	≤ 450	≤ 100	≤ 100	≤ 100	≤ 100
Na (ppm)	≤ 200	≤ 200	≤ 200	≤ 15	≤ 15	≤ 100	≤ 15
K (ppm)	≤ 100	≤ 100	≤ 100	≤ 15	≤ 15	≤ 100	≤ 15
Powder Properties							
Ave. Particle Size (μ)	0.5 ~ 0.9	0.7 ~ 1.1	0.7 ~ 1.1	0.5 ~ 0.8	0.5 ~ 0.8	0.5 ~ 0.8	0.5 ~ 0.8
Comp. Density (g/cm ³)	2.3 ~ 2.8	2.5 ~ 2.9	2.5 ~ 2.9	2.4 ~ 2.7	2.4 ~ 2.7	2.4 ~ 2.7	2.4 ~ 2.7