

15 FRICKER ROAD ILLOVO BOULEVARD SOUTH AFRICA 2196	TEL: +27 (11) 770 6800 FAX: +27 (11) 268 6440 E-mail: feoresales@assore.com	PRIVATE BAG X 03 NORTHLANDS 2116
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Assmang Limited Iron Ore Division – Khumani Mine
Iron Ore Fines Specifications
(6.3 mm x 0.2 mm)

Fines - Chemical Specification

	Minimum (%)	Maximum (%)	Typical (%)
Fe	63.50		64.00
SiO ₂		5.50	4.80
Al ₂ O ₃		2.30	1.70
P		0.050	0.040
S		0.022	0.016
K ₂ O		0.32	0.28
TiO ₂			0.085
CaO			0.03
Na ₂ O			0.02
MgO			0.02
Mn			0 – 2
Cu			<0.01
V			0.013
LOI(900°C)			0.02 – 0.08
H ₂ O		3.20	2.50

Fines - Physical Specification

	Typical (%)	Maximum (%)
> 6.3 mm	10.00	11.00
-6.3 mm + 4 mm	25.00	
-4 mm + 2 mm	34.00	
-2 mm + 0.5 mm	20.00	
-0.5 mm + 0.2 mm	2.00	
< 0.2 mm	2.00	18.00