

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

Assmang (Proprietary) Limited Iron Ore Division – Khumani Mine
Iron Ore Fines Specifications
(0.212 mm x 8 mm)

Fines - Chemical Specification

	Minimum (%)	Maximum (%)	Typical (%)
Fe	64.00		64.25
SiO ₂		5.50	4.80
Al ₂ O ₃		2.30	1.80
P		0.050	0.045
S		0.022	0.016
K ₂ O			0.35
Na ₂ O			0.025
TiO ₂			0.085
CaO			0.030
MgO			0.020
Mn			0.15 – 0.5
Cu			<0.01
V			0.013
LOI(1000°C)			0.5 – 0.9
H ₂ O		3.20	2.00

Fines - Physical Specification

	Typical (%)	Maximum (%)
> 8.0 mm	10.00	11.00
-8.0 mm + 4 mm	25.00	
-4 mm + 2 mm	34.00	
-2 mm + 0.5 mm	25.00	
-0.5 mm + 0.212 mm	4.00	
< 0.212 mm	2.00	6.00