



RAND YORK MINERALS (PTY) LTD

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Foundry Chromite Sand Data Sheet

Specification: Cr₂O₃ 46.0 % min (typ 46.30 %)
SiO₂ 1.0 % max (typ 0.60-0.80 % range)

Others for indicative purposes only :

FeO 26.20 %
CaO 0.30 %
MgO 9.80 %
Al₂O₃ 15.50 %
P 0.003 %
S 0.003 %
Cr/Fe 1.55 : 1

Acid Demand pH3 5.60
Acid Demand pH4 4.50
Acid Demand pH5 3.30

Turbidity 80-120 ppm

Size: AFS 45 - 50 and AFS 50 - 55

Below gives an example of typical size distribution, for information purposes only:

MM	MESH	APATURE MICRONS	CUM % MASS RETAINED	
0.841	20	+850	99.40	
0.595	30	+600	97.02	
0.420	40	+425	84.92	
0.297	50	+300	51.19	
0.210	70	+211	20.44	
0.149	100	+150	4.37	
0.105	140	+106	0.79	
0.074	200	+75	0.00	
0.053	270	+53	0.00	
-0.053	-270	PAN	0.00	= AFS 48.97