

## TYPICAL SPECIFICATION OF REFINED KAOLIN (Peninsular Malaysia)

	South region	North region
Alumina (Al <sub>2</sub> O <sub>3</sub> )	38.93 %	21.5 %
Silica	43.10 %	60.6 %
Potash	1.22 %	2.18 %
Sodium	0.08 %	0.08 %
Calcium	0.10 %	0.01 %
Iron oxide	0.57 %	0.68 %
Titanium dioxide	0.08 %	2.19 %
Magnesium	0.17 %	0.52 %
Manganese	-	0.01 %
Brightness	80.00 %	-
Water of plasticity	33.00 %	-
Moisture	1.00 %	-
Loss on ignition	14.00 %	12.2 %
pH values	4.9	-
Density (g cc <sup>-1</sup> )	2.55	-
Viscosity cps (60 rpm 30% w/w)	1 400	-

Source: OH LIANG KENG (1988). Claybath *vs.* Hydrocyclone for Cracked Mixture Separation. Paper presented at the SLDB/PORIM Workshop on Palm Oil Milling Technology. p.158.