

# Metallurgical testing – tests métallurgiques

Press release of April 27 – communiqué du 27 avril



Table 7 Results of the thermo-gravimetric analysis

Grade	unit	Lomiko Conc	Lomiko +50	Lomiko +80	Lomiko +100	Lomiko +150	Lomiko +200	Lomiko -200	Lomiko -100
Size (micro meter)	µm	all	+300	+180	+150	+100	+75	-75	-150
Size (mesh)	mesh	all	+50	+80	+100	+150	+200	-200	-100
<b>Thermogravimetry (TGA)</b>									
Moisture (105°C)	%	0.06	0.06	0.13	0.12	0.08	0.07	0.20	0.07
Volatiles (400°C)	%	0.18	0.14	0.13	0.17	0.24	0.28	0.38	0.28
LOI (950°C)	%	98.10	98.89	98.75	98.70	98.72	98.70	95.90	97.44
Fixed Carbon		97.92	98.76	98.62	98.53	98.48	98.43	95.51	97.16
<b>Oxidation at 650°C (TGA)</b>									
weight loss in 120 minutes	%	7.97	3.38	4.33	5.04	7.42	9.84	19.88	12.44
weight loss after 4 h @ 650°C	%	16.29	7.07	9.06	10.53	15.38	20.27	39.77	25.03
<b>Time for incineration from LOI 30% to LOI 80%</b>									
LOI 30% to LOI 80%	min	99.23	104.23	99.28	106.77	96.77	94.27	N.A.	N.A.