

## Typical Data Sheet



GLEASON CLAY COMPANY

	Ball Clays								
	LX	RX	SB	ML	PL	WV	CT	CO	Apex 11
<b>Chemical Analysis (%)</b>									
Silicon Dioxide	61.80	61.20	60.40	59.10	61.20	59.60	59.40	59.30	60.00
Aluminum Oxide	24.60	24.90	26.00	27.40	25.90	26.90	27.00	26.80	26.50
Iron Oxide	1.00	0.90	0.90	1.00	1.10	1.20	0.90	1.00	1.20
Titanium Dioxide	1.60	1.80	1.90	1.90	2.00	1.80	1.80	1.70	1.80
Calcium Oxide	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
Magnesium Oxide	0.30	0.50	0.30	0.30	0.20	0.30	0.20	0.30	0.40
Sodium Oxide	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Potassium Oxide	1.60	1.70	1.10	1.00	0.50	0.60	1.00	1.50	0.60
Loss on Ignition	8.90	8.80	9.20	9.10	8.90	9.40	9.50	9.20	9.00
<b>Particle Size (% less than)</b>									
5 micron	75	80	82	70	83	88	84	84	85
2 micron	56	60	66	60	70	78	69	65	74
1 micron	43	47	54	48	61	68	58	51	67
Carbon (%)	0.80	0.10	0.50	0.20	0.20	0.50	0.20	0.25	0.20
SSA (SPSA)	15.00	16.50	19.00	21.00	22.00	25.00	20.00	19.00	25.00
Dry MOR (psi)	410	360	560	520	540	820	440	450	n/a

NOTICE: All data given and statements and recommendations made herein are based upon our research and are believed to be accurate typical data. However, no guarantee of their accuracy is made or implied. Our products are sold on the condition that the user will evaluate them himself, as well as our formulas and recommendations, to determine their suitability for his own purposes before adoption on a commercial scale. Also, statements as to the use of our products are not to be construed for their use in the infringement of any patent.

WARNING: BALL CLAYS CONTAIN FREE SILICA. DO NOT BREATHE THE DUST. PROLONGED INHALATION MAY CAUSE DELAYED LUNG INJURY (SILICOSIS). FOLLOW OSHA SAFETY & HEALTH STANDARDS FOR CRYSTALLINE SILICA (QUARTZ). FOR FURTHER INFORMATION CONSULT THE OLD HICKORY MSDS FOR THIS CLAY.