



WesternLime

WESTERN TYPE S MASON'S LIME
WESTERN DOLOMITIC HYDRATED LIME
WESTERN MIRACLE LIME

Typical Analysis

		As Received	Loss Free
Calcium Oxide	CaO	43.57%	59.00%
Magnesium Oxide	MgO	28.42%	38.48%
Aluminum Oxide	Al ₂ O ₃	.37%	.50%
Ferric Oxide	Fe ₂ O ₃	.30%	.41%
Silicon Dioxide	SiO ₂	.98%	1.33%
Sulfur Trioxide	SO ₃	.08%	.11%
Sodium Oxide	Na ₂ O	.05%	.07%
Phosphorous Pentoxide	P ₂ O ₅	.00%	.00%
Potassium Oxide	K ₂ O	.02%	.03%
Titanium Dioxide	TiO ₂	.03%	.04%
Manganese Oxide	Mn ₂ O ₃	.02%	.03%
Strontium Oxide	SrO	.01%	.01%
Total Loss on Ignition			27.09%
@ 0-120°C (Free moisture)			.07%
@ 120-550°C (Hydrate H ₂ O)			24.18%
@ 550-1000°C (CO ₂ loss in N ₂)			2.84%
Calcium Oxide (CaO) + Magnesium Oxide (MgO) (Non-volatile basis)			97.48%
Carbon Dioxide (CO ₂) ("As Received" basis)			2.84%
Unhydrated Oxides as Magnesium Oxide (MgO) ("As Received" basis)			2.99%
Emley Plasticity		352	
Water Retention		98.2	
No. 30 Residue		0.12	

Conforms to ASTM C-207 specifications for "Type S" hydrated lime