

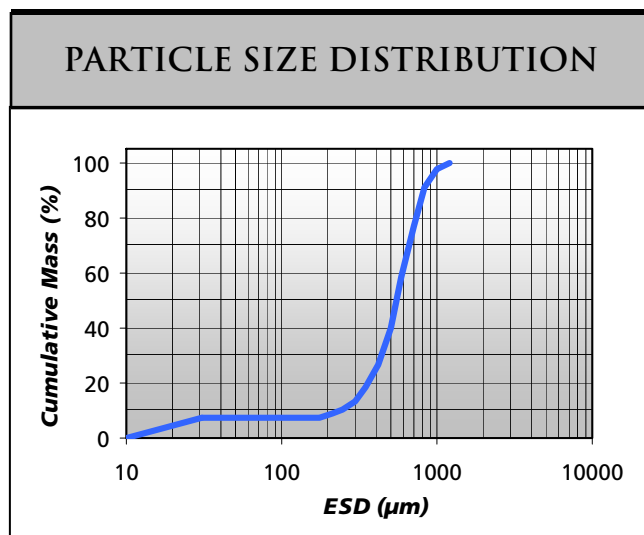
Discovering what's possible with calcium

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The Mississippi Lime CalCarb™ Calcium Carbonate family of products is mined from the high purity formation in Ste. Genevieve, Missouri which consists of limestone with an average calcium carbonate content of 98.5%. CalCarb™ R1 is a high purity, consistently sized 16 mesh calcium carbonate. Low iron, silica and magnesium levels make this product an excellent choice for glass-making applications as well as other chemical and industrial processes requiring a pure limestone.

TYPICAL CHEMICAL PROPERTIES	
CaCO ₃	98.4%
MgCO ₃	0.8%
SiO ₂	0.7%
Al ₂ O ₃	0.05%
Sulfur	160 ppm
Fe ₂ O ₃	0.04%
P ₂ O ₅	30 ppm
MnO	4 ppm
H ₂ O	0.07%



TYPICAL PHYSICAL PROPERTIES	
-16 Mesh (1190 µm)	100.0%
-20 Mesh (840 µm)	92.6%
-30 Mesh (590 µm)	70.3%
-100 Mesh (150 µm)	7.3%
-120 Mesh (125 µm)	6.5%
-140 Mesh (105 µm)	5.8%
-200 Mesh (75 µm)	5.1%
Particle Size Range	10µm-1100µm
Apparent Dry Bulk Density - Loose	56 lbs/ft ³
Apparent Dry Bulk Density - Packed	104 lbs/ft ³



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