



CalCarb® R1

Ground Calcium Carbonate

TECHNICAL DATA SHEET

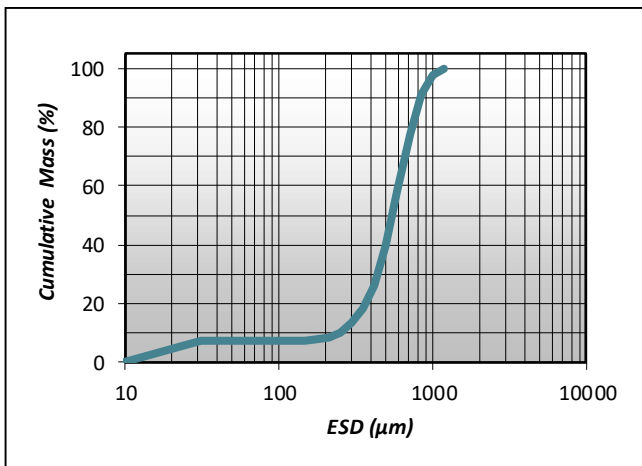
Product Description

The MLC 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	98.5%
MgCO ₃	0.7%
Silica (SiO ₂)	0.5%
Alumina (Al ₂ O ₃)	0.08%
Iron (Fe ₂ O ₃)	0.05%
Sulfur (S)	0.03%
Free Moisture	< 0.2%

Typical Physical Properties	
-16 Mesh (1190 µm)	99.9%
-20 Mesh (840 µm)	95%
-30 Mesh (590 µm)	74%
-60 Mesh (250 µm)	28%
-100 Mesh (150 µm)	8%
-120 Mesh (125 µm)	6%
-140 Mesh (105 µm)	4%
-200 Mesh (74 µm)	2%
Apparent Dry Bulk Density - Loose	56 lbs/ft ³
Apparent Dry Bulk Density - Packed	104 lbs/ft ³

Particle Size Distribution



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