



OceanCal

OceanCal™ powder is very pure, ground, oolitic aragonite sand (biogenic calcium carbonate) treated with or without steric acid. It's unique crystalline structure, high purity and consistency offer economic and performance benefits. OceanCal is designed for direct powder applications such as PVC, adhesives, paint and additives. Products made with OceanCal benefit the environment by reducing the carbon footprint associated with (mining and processing) other forms of calcium carbonate.



Made from Ocean



Sustainable



70%
Reduced Oil



Renewable

OceanCal Product Data

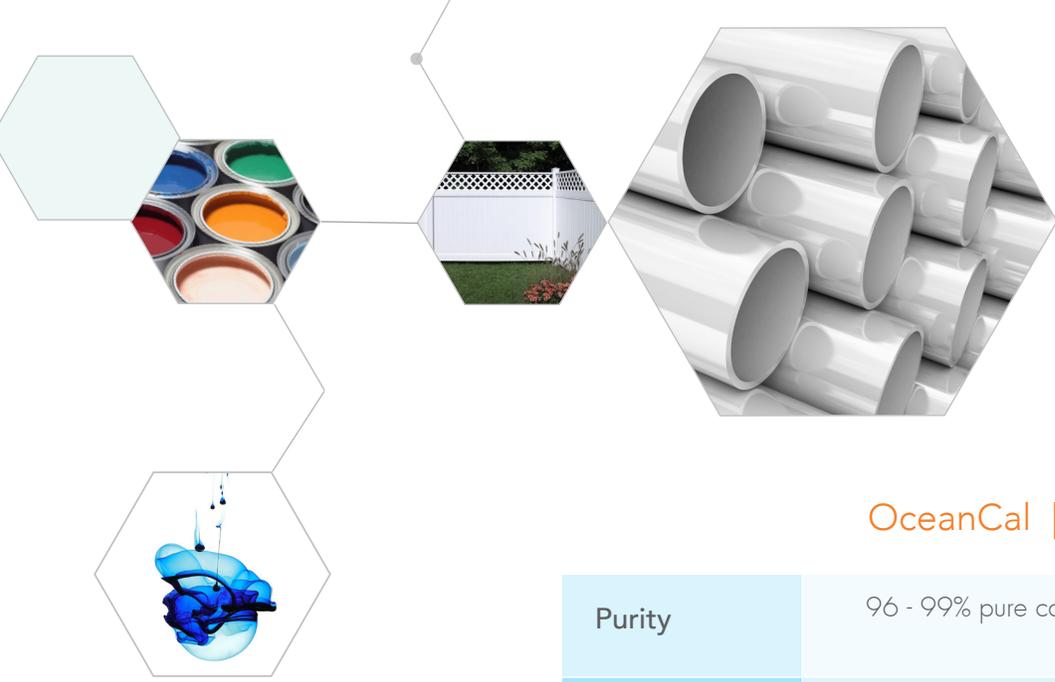
physical	typical value
moisture loss	@110 °C
hardness (mohs)	3.5 - 4.0
brightness	82 - 86
specific gravity	2.8

property	typical value
mean particle size (D50)	3 µm
topside particle size (D90)	10 µm
bulk density	42 lbs. per ft ³
calcium carbonate	96 - 98% crystal

OceanCal is typically ground to a Mean Particle size (D50) 3 micron and Topside Particle size (D90) 10 micron which is suitable for most direct-feed processing applications.

Suitable Applications

Plastics Manufacturing (PVC)	Acid Neutralizers
Pharmaceuticals	Paints Inks
Nutraharmaceuticals	Coatings
Acid Neutralizers	Adhesives & Sealants



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OceanCal | Manufacturing Benefits

Purity	96 - 99% pure calcium carbonate
Economics	Cost effectiveness of reducing dependence on expensive finite resources
Sustainable	Continually precipitates naturally in the ocean, making OceanCal a renewable resource
Renewable Resource	USDA confirms oolitic aragonite as a renewable resource as proven through carbon dating
Supply	Unrestricted supply with exclusive access
Homogeneous Dispersion	Improves processing, product performance and quality
Product Performance	Improves tensile strength, heat deflection, greater thermo performance and product down-gauging
Processing Quality	Consistency of color, even dispersion, and performance offer improved material quality
FDA Approved	Calcean is comprised of FDA approved calcium carbonate, which is GRAS certified