

VirdiCarb™

VirdiCarb™ is an FDA food contact approved functional masterbatch filler consisting of fine particle size calcium carbonate in a PE carrier, which gives excellent mixing and dispersion characteristics.

Chemical Analysis		Typical % mass
Calcium carbonate content (CaCO ₃)		82
PE		18
Water (H ₂ O)		<0.15
Physical Properties		Typical
Appearance		Off white Granules
D50 of calcium carbonate in microns		2
Bulk density		1,950kg / m ³
Processing temperature		140 – 280 °C

Packaging

VirdiCarb™ is available in 25 Kg sacks on pallets. Other packaging may be available on request.

Typical	
Bag Weights	within 1% of nominal weight 100%

Applications

VirdiCarb™ is used as a filler to improve hardness, whiteness, heat resistance and UV stability in plastics and plastic recycling.

Compatible with LLDPE, LDPE and PE systems

FDA food contact approved

Last Revision Date: September 2024