

HM10[®]H3

LLDPE Based CaCO₃ Concentrate

Physical Properties (preliminary)

HM10[®]H3 is a white pelletized high performance calcium carbonate concentrate.

Property	Target	Minimum	Maximum
Melt Flow, g/10 min	2.0	1.00	4.5
% Ash (TiO ₂ /CaCO ₃)	80	79	81
Moisture, ppm	-	0	1000
Density, g/cm ³	2.00	1.95	2.05
Bulk Density, lb/ft ³	75	N/A	N/A

Comments

HM10[®]H3 is specially formulated to maximize the cost and performance balance in blown films and combines a unique blend of 70% purified, fine particle size calcium carbonate and 10% of high performance titanium dioxide pigment. This eliminates the need for any added white masterbatch to the film.

Eco-Advantage

Calcium carbonate concentrates effectively displace a significant portion of the petrochemical based component. The improved productivity and the lower energy consumption awarded by using CaCO₃ all help to minimize the environmental footprint of the end product.

Regulatory Status

The ingredients in our polyolefin based calcium carbonate concentrates are approved for use in direct food contact packaging under paragraphs 177.1520 and 184.1409 of Title 21CFR of the Code of Federal Regulations, with no restrictions. This product complies with California Proposition 65 and all applicable CONEG heavy metal restrictions.

HM10[®] is a registered trademark of Heritage Plastics, Inc.

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