

HM10®S1

LLDPE Based CaCO₃ Concentrate with 1% Slip

Physical Properties (for informational purposes only)

HM10®S1 is a pelletized high performance calcium carbonate reinforcement concentrate with 1% of a quick blooming oleamide slip additive.

Property	Target	Minimum	Maximum
Melt Flow, g/10 min	-	0.20	1.50
% CaCO ₃	81	80	82
Moisture, ppm	-	0	1000
Density, g/cm ³	1.93	1.92	2.04
Bulk Density, lb/ft ³	75	-	-

Comments

HM10®S1's addition of 1% quick blooming oleamide slip additive provides sufficient COF control at various mineral loadings without creating "blue haze" in the processing environment.

Eco-Advantage

Calcium carbonate concentrates can effectively displace a significant portion of the petrochemical based component. The improved productivity and the lower energy consumption awarded by using HM10®S1 all help to minimize the carbon 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. This product complies with California Proposition 65 and all applicable CONEG heavy metal restrictions.

Shipping Containers

HM10®S1 is available in various package types to accommodate specific needs: Box, Bag, and Bulk

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

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