

HM10® HD

High Density Polyethylene

Heritage Plastics, Inc.

Message:

This concentrate contains a high purity, fine particle size calcium carbonate in a HDPE carrier. It was designed to improve the process efficiencies and product properties in a wide variety of applications.

Suitable Applications:

- blown film
- blow molding
- injection molding
- thermoformed sheet

Environmentally Beneficial

Calcium carbonate is a plentiful, natural mineral and can be used to effectively displace a significant portion of the petrochemical based component in the targeted application. The improved productivity and the lower energy consumption awarded by using our concentrates all help to minimize the carbon footprint of the end product.

Regulatory Compliance

The ingredients in our concentrates are approved for use in direct food contact packaging and are heavy metals free making them compliant with regulations such as California Proposition 65 and CONEG.

General Information	
Filler / Reinforcement	Calcium Carbonate,81% Filler by Weight
Features	Food Contact Acceptable
	Good Processability
	High Density
	High Purity
Uses	Film
	Sheet
Processing Method	Blow Molding
	Blown Film
	Injection Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	1.95	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Moisture	< 1000	ppm	ASTM D6980

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Recommended distributors for this material

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