FEATURES

- High film clarity
- Low haze
- Low blocking force

BENEFITS

- Good color
- Excellent stability
- Low coefficient of friction
- Lowest overall additive costs

SHIPPING INFORMATION

OPTIBLOC® talc ships from Barretts, MT

Product is available in 50 lb. bags, supersacks, and bulk rail.

For availability and minimum order quantity, contact customer service.

SALES OFFICES

Barretts, MT

800-336-9008

Bethlehem, PA

800-801-1031

OPTIBLOC® clarity antiblock

For High Clarity Film Applications

Barretts Minerals Inc. (BMI), the industry pioneer in talc antiblocks, has now commercialized OPTIBLOC ®clarity anitblock for film applications where optical properties are critically important. Film resins formulated with OPTIBLOC® clarity antiblock exhibit high film clarity, low haze, and low blocking force. OPTIBLOC®clarity antiblock also exhibits low interaction with stabilizers, slip agents, and processing aids, allowing formulation of film resins with good color, excellent stability, low coefficient of friction, and the lowest overall additive costs. OPTIBLOC® clarity antiblock's low abrasivity and ease of dispersion make it suitable for use via direct addition, as a master batch, or in non-dusting concentrations.

Optibloc® 8

Typical Physical Properties

Top Size (microns) Sedigraph (D_{95})	8.0
Median Particle Size (microns) Sedigraph	2.5
Dry Brightness (Hunter Y, Rd Value)	90
Specific Gravity	2.7
Bulk Density (lbs/ft^3) (grams/cm^3)	13 0.20
Tapped Density (lbs/ft^3) (grams/cm^3)	28 0.46
Surface Area (m^2/gm)	7

Typical Chemical Composition

Silicon Dioxide	SiO_2	68%
Magnesium Oxide	MgO	15%
Aluminum Oxide	Al_2O_3	8%
Other Oxides		4.5%
Iron As	Fe_2O_3	<1.0%
Loss on Ignition	L.O.I.	3.0%
Moisture % (% weight loss @ 110° C)	H_2O	<0.5%

Optibloc®10

Typical Properties

Average Particle Size (microns)	2.5
Dry Brightness (Hunter Y, Rd value)	90
Specific Gravity	2.7
Bulk Density (lb/ft^3) (g/cm^3)	16 0.26
Tapped Density (lb/ft^3) (g/cm^3)	36 0.58
Surface Area (m^2/gm)	7

Chemical Composition (typical)

Silicon Dioxide	SiO_2	68%
Magnesium Oxide	MgO	15%
Aluminum Oxide	Al_2O_3	8%
Other Oxides		4.5%
Iron As	Fe_2O_3	<1.0%
Loss on Ignition	L.O.I.	3.0%
Moisture (% weight loss @ 110° C)	H_2O	<0.5%

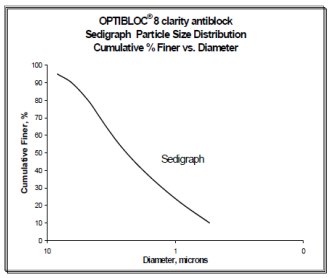
Optibloc ®25

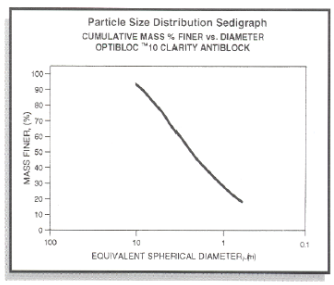
Typical Properties

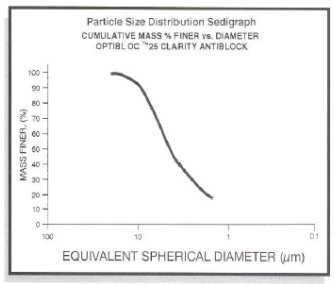
Average Particle Size (microns)	4.0
Dry Brightness (Hunter Y, Rd value)	89
Specific Gravity	2.7
Bulk Density (lb/ft^3) (g/cm^3)	22 0.35
Tapped Density (lb/ft^3) (g/cm^3)	47 0.75
Surface Area (m^2/gm)	6

Chemical Composition (typical)

Silicon Dioxide	SiO_2	68%
Magnesium Oxide	MgO	15%
Aluminum Oxide	Al_2O_3	8%
Other Oxides		4.5%
Iron As	Fe_2O_3	<1.0%
Loss on Ignition	L.O.I.	3.0%
Moisture (% weight loss @ 110° C)	H_2O	<0.5%







Barretts MINERALS

SILVER 2022 ecovadis Sustainability Rating