

OPTIBLOC® 8 clarity antiblock for High Clarity Blown Film Applications

Specialty Minerals Inc. (SMI), the industry pioneer in talc antiblocks, has now commercialized OPTIBLOC® 8 clarity antiblock for blown film applications where optical properties are critically important. Film resins formulated with OPTIBLOC® 8 clarity antiblock exhibit high film clarity, low haze, and low blocking force. OPTIBLOC® 8 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® 8 clarity antiblock's low abrasivity and ease of dispersion make it suitable for use via direct addition, as a masterbatch, or in non-dusting, 100% active concentrations.

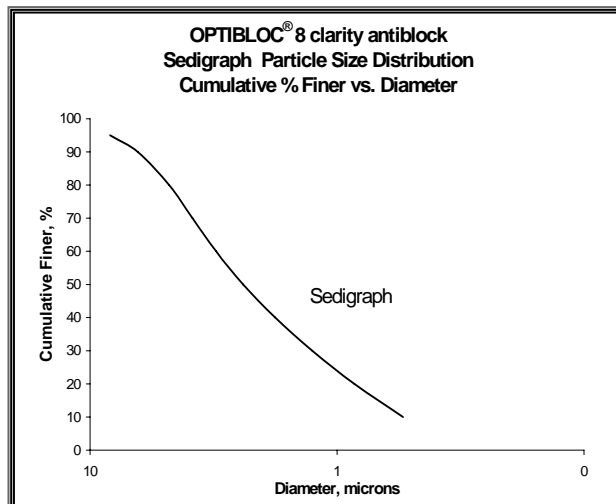
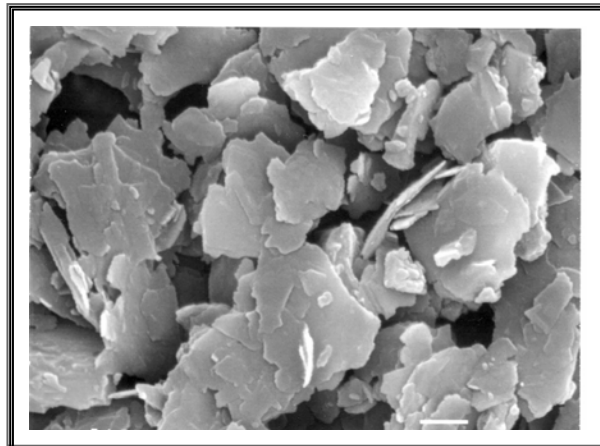
Typical Physical Properties

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)		13
(grams/cm ³)		0.20
Tapped Density (lbs/ft ³)		28
(grams/cm ³)		0.46
Surface Area (m ² /gm)		7

Typical Chemical Composition

Silicon Dioxide	SiO ₂	68%
Magnesium Oxide	MgO	15%
Aluminum Oxide	Al ₂ O ₃	8%
Other Oxides		4.5%
Iron As	Fe ₂ O ₃	<1.0%
Loss on Ignition	L.O.I.	3.0%
Moisture %	H ₂ O	<0.5%

(% weight loss @ 110° C)



All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use. All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. SMI MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. Inconsistent terms and conditions contained in Buyer's purchase order shall not be binding on SMI/BMI unless reflected in writing signed by SMI/BMI's representative. This information is not to be copied, used in evidence, released for publication or public distribution without written permission from Specialty Minerals Inc./Barretts Minerals Inc.

Sales Offices

Bethlehem, PA 1-610-997-8394
 Barretts, MT 800-336-9008
 www.mineralstech.com

OPTIBLOC® 8

©Specialty Minerals Inc. 2004