

Antiblocks for Plastic Films



Specialty Minerals Inc.

Technical Data

Antiblock Products For Plastics Films

	TYPICAL PROPERTIES				SUGGESTED APPLICATIONS						SOURCE			
	BRIGHTNESS *	TOP SIZE, 90% (MICRONS)	MEDIAN PARTICLE SIZE (MICRONS)	BULK DENSITY (#/FT ³)	LLDPE	LDPE	PP - CAST	PP - BOPP	MULTILAYER FILM	PVC FILMS	BARRETT'S, MT	MT. VERNON, IN	WELLSVILLE, OH	BAY CITY, TX
TALC MAGNESIUM SILICATE														
UNTREATED	ABT [®] 2500	90	25	2.5	13	•	•			•	•			
	ABT [®] 2501	90	25	2.5	13	•	•			•	•			
TREATED	POLYBLOC [®]	90	25	2.5	13	•	•			•	•			
	MICROBLOC [®]	90	25	2.5	13	•	•			•	•			
TALC BASED BLENDS														
TREATED	OPTIBLOC [®] 25	89	25	4.0	22	•	•							•
	OPTIBLOC [®] 10	90	12	2.5	16	•	•							•
	OPTIBLOC [®] 8 developmental					•	•		•					
	CLEAR-BLOC [™] PP developmental							•	•	•				

* Dry Brightness Values - Photovolt Hunter L

Specialty Minerals, the industry pioneer in talc antiblocks, has a complete line of talc based antiblocks for your plastic film needs. Specialty Minerals antiblock minerals are based on high purity Montana platy talc ores with low abrasivity.

ABT[®] 2500 talc antiblock is the industry's universal standard talc for antiblock use with an optimum particle size distribution.
ABT[®] 2501 talc antiblock is recommended where odor issues are of concern.

POLYBLOC[®] talc antiblock is treated for improved dispersion and enhanced compatibility with polyolefins and film additives.
POLYBLOC[®] reduces yellowness, improves film optics, enhances antiblocking and COF efficiency
MICROBLOC[®] talc antiblock is treated for applications where enhanced adhesion between polymer and talc particle are important

OPTIBLOC[®] 25 and 10 clarity antiblocks are recommended for film applications that require high clarity and low haze.
OPTIBLOC[®] 8 clarity antiblock is a developmental antiblock for LLDPE applications that require superior strength properties
CLEAR-BLOC[™] PP clarity antiblock is a developmental antiblock with reduced top-size for thinner polypropylene film applications.
OPTIBLOC[®] and **CLEAR-BLOC[™] PP** clarity antiblocks exhibit low additive interaction with stabilizers, slip agents and polymer processing aids.

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.

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