



Tosaf AB 7644 PE

TOSAF Compounds Ltd. - Antiblock Masterbatch

Sunday, November 3, 2019

General Information

Product Description

Anti-block/IR Masterbatch for PE films. Contains 70% highly pure natural silica in PE.

The Masterbatch can be used in Anti-block applications to prevent the blocking of the film onto the roll or to other layers of the film. When applied to agriculture films, the masterbatch imparts IR blocking properties to the film, preserving temperatures inside the greenhouse or tunnel 3 to 4°C above ambient temperatures. Most highly transparent agricultural films (150 µm to 200 µm thickness) are obtained using this masterbatch.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America

ASTM & ISO Properties ¹

Additives General	Nominal Value	Unit	
Additives Category	Masterbatch -- Antiblock -- Silica / Diatomaceous Earth		
Carrier Resin	Polyethylene or ethylene-olefin copolymer (PE)		
Recommended for Use In	Polyethylene or ethylene-olefin copolymer (PE)		
Additives Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ASTM D792
Bulk Density	56.2	lb/ft ³	ASTM D1895
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Additive Concentration	70	%	
Chemical Description	Natural silica		

Notes

¹ Typical properties: these are not to be construed as specifications.