



Dow Corning® MB 25-035 Masterbatch

Dow Corning Corporation - Slip Agent / Lubricant / Mold Release / Processing Aid Masterbatch

Sunday, November 3, 2019

General Information

Product Description

Dow Corning® MB 25-035 Masterbatch is a pelletized formulation containing 25% of an ultra-high molecular weight (UHMW) siloxane polymer dispersed in low density polyethylene (LDPE). It is designed to be used as an additive in polyethylene compatible systems to impart benefits such as processing improvements (FFS: Form, fill and seal bagging process) and modification of surface characteristics (low coefficient of friction (CoF)).

High-speed, high-volume form-fill-seal (FFS) packaging operations place stresses on low-density polyethylene (LDPE) film, including increased levels of surface friction. Reducing coefficient of friction (CoF) is critical to seamless throughput, high productivity and consistent quality. Dow Corning MB25-035 Masterbatch provides exceptional slip performance while overcoming the drawbacks of organics - and controlling costs.

APPLICATIONS

- Additive in polyethylene compatible systems.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Agency Ratings	• EU 10/2011 • FDA 21 CFR 177.1520(c) 2.1	• FDA 21 CFR 177.1520(c) 2.2 • FDA 21 CFR 181.28	

ASTM & ISO Properties ¹

Additives General	Nominal Value	Unit
Additives Category	Masterbatch -- Slip Agent / Lubricant / Mold Release / Processing Aid -- Silicone-based	
Carrier Resin	Polyethylene or ethylene-olefin copolymer (PE)	
Recommended for Use In	Polyethylene or ethylene-olefin copolymer (PE)	
Forms	Pellets / Granules	
Additives Physical	Nominal Value	Unit
Density	0.930	g/cm ³
Additive Concentration	25	%
State at Room Temperature	Solid	
Migration Tendency	Negligible	
Chemical Description	Siloxane	

Notes

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