



Dow Corning® MB 50-315 Masterbatch

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

Sunday, November 3, 2019

General Information

Product Description

Dow Corning MB50-315 Masterbatch is a palletized formulation containing 50% of a functionalized ultra-high molecular weight (UHMW) siloxane polymer. It is for use as an additive in resin compatible systems to modify surface characteristics.

Dow Corning MB50-315 is an off-white pellet containing 50% functionalized ultra-high molecular weight siloxane, and 50% polycarbonate resin, 15 MFI.

APPLICATIONS

- Dow Corning MB50-315 can be used in polycarbonate-compatible applications requiring surface modification. Performance is expected to be similar to that of other Dow Corning® brand Masterbatch products.

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 -- Slip Agent / Lubricant / Mold Release / Processing Aid -- Silicone-based	
Carrier Resin	Polycarbonate (PC)	
Recommended for Use In	Polycarbonate (PC)	
Forms	Pellets / Granules	
NFPA 704 Safety Rating		
1	•	Flammability
0		Health
		Reactivity
Additives Physical	Nominal Value	Unit
Density	0.998	g/cm ³
Additive Concentration	50	%
State at Room Temperature	Solid	
Chemical Description	Siloxane	

Notes

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