

# Siloxane Masterbatch MB50-315

Siloxane Polymer (UHMW)  
Multibase, A Dow Corning Company

Message:

DOW CORNING® MB50-315 Masterbatch incorporates DOW CORNING patented functionalized ultra-high molecular weight siloxane into polycarbonate resin.

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.

MB50-315 can be used polycarbonate-compatible applications requiring surface modification. Performance is expected to be similar to that of other DOW CORNING Masterbatch products.

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

HOW TO USE

DOW CORNING MB Series Masterbatches may be processed in the same way as the thermoplastics on which they are based. MB50-315 Masterbatch should be blended with the virgin polymer pellets to give the desired siloxane level in the final product. DOW CORNING MB50-315 Masterbatch pellets can be added during compounding in a single screw extruder or added at the feed hopper during injection molding or extrusion.

General Information	
Features	Good Surface Finish
	Ultra High Molecular Weight
Uses	Blending
	Compounding
Forms	Pellets
Processing Method	Compounding
	Extrusion
	Injection Molding

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