



Dow Corning® MB 20-736 Masterbatch

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

Sunday, November 3, 2019

General Information

Product Description

Dow Corning MB20-736 Masterbatch is a tribological modifier for polyacetal based systems. This additive is an easy to handle, pelletized additive.

Dow Corning MB20-736 Masterbatch enables you to achieve lower coefficient of friction compared to standard PTFE. Typical addition levels between 5 and 10 wt% show highly efficient coefficient of friction reduction by at least 20% vs corresponding 15-20 wt% PTFE formulations. Dow Corning MB20-736 Masterbatch allows you to recover lost mechanical performances (tensile and impact) vs standard PTFE and reach initial performances of neat polyacetal.

Dow Corning MB20-736 Masterbatch is also highly efficient at suppressing stick-slip phenomenon following VDA 230-206 norm.

Dow Corning MB20-736 Masterbatch is not suitable for long term applications.

APPLICATIONS

- Suitable for applications where short term low coefficient of friction is required. Typical examples are: mechanical gears, sliding and guiding elements, housing parts, screws, nuts, pump parts, valve bodies, insulin pen, metered dose inhalers (MDI)

General

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

ASTM & ISO Properties¹

Additives General	Nominal Value	Unit
Additives Category	Masterbatch -- Slip Agent / Lubricant / Mold Release / Processing Aid -- Silicone-based	
Recommended for Use In	Acetal (POM)	
Forms	Pellets / Granules	
Additives Physical	Nominal Value	Unit
Density	0.980	g/cm ³
State at Room Temperature	Solid	
Chemical Description	Polydimethylsiloxane - polyacetal compound	

Notes

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