



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

**FERRO-PLAST S.r.l.**

Via Grandi, 25 - 20090 Vimodrone (Mi)

Tel. +39.02.27409415 Fax +39.02.27409420 E-mail [ferroplast@ferroplast.com](mailto:ferroplast@ferroplast.com) - [www.ferroplast.com](http://www.ferroplast.com)

# FerroFloss 9070

Informazioni Tecniche

## Masterbatch Antiblocking

### Introduction

**FERROFLOSS 9070** is a masterbatch consisting of 70% natural Silica in a LDPE carrier without containing any antioxidant. It is used to prevent blocking of PE films during wind-up and to allow easy opening of PE bags and sachets.

### Specifications

Silica content	68-72 %	Internal
----------------	---------	----------

### Typical Additionnal Properties

<i>Characteristics</i>	<i>Unit</i>	<i>Test method</i>	<i>Nominal value</i>	<i>Specific value</i>
<i>Active Ingredient</i>	%	INTERNO	70	68-72
<i>MFI</i>	Dg/Min	ISO 1133	20	17-23
<i>Bulk Density</i>	MI/Gr	INTERNO	0.60	0.50-0.70
<i>Moisture</i>	N.D	N.D	N.D	N.D
<i>Pellets / gr</i>	N/Gr	INTERNO	40	30-50
Delta E	N.D	N.D	N.D	N.D

### Usage

**FERROFLOSS 9070** can be used in both cast and blown film processes.

The type of silica used gives excellent surface friction to LDPE and LLDPE films without adversely effecting film transparency. It is compatible with other polyolefines.

### Recommended Addition Rates

Natural Silica is typically added to polyethylene film at 0.2 to 1% to give antiblocking effect.

**FERROFLOSS 9070** is usually dosed at concentrations between 0.3 and 1,5% .

### Food Contact Status

**FERROFLOSS 9070** is suitable for food contact applications.

### Packaging

Product is packed in 25 kg PE bags on shrinkwrapped pallets of 1250 kg.