



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)

**FerroFlon 10**

Informazioni Tecniche

P.T.F.E. Dry Lubricant Powder  
for reducing wear and friction

### Introduction

- ❑ **FerroFlon 10** is a micronized P.T.F.E. powder with average particle size varying from 1 to 5 microns.
- ❑ **FerroFlon 10** is easy to disperse in rubber, thermosets, thermoplastics and printing inks. It will not lump or agglomerate in handling.
- ❑ **Molecular Formula:** (CF<sub>2</sub>-CF<sub>2</sub>)<sub>n</sub>
- ❑ **Molecular Weight:** 1x10<sup>7</sup> - 3x10<sup>7</sup>
- ❑ **CAS N°:** 9002-84-0

### Properties

General properties	Test Method	Units	FerroFlon 10
Chemical Name	=	=	PTFE
Appearance	Intern.	=	White powder
Assay	Intern.	%	100
Softening point	ASTM D4591	°C	327
Service temperature	=	°C	- 200 to + 260
Average particle size	Intern.	microns	1≅ 5
Moisture	Intern.	%	<0,05
Specific gravity	ASTM D4894	g/cm <sup>3</sup> at 25°C	2,48 – 2,60
Tensile strength	ASTM D4894	MPa	8,0
Chemical resistance	Intern.	=	inert to practically all chemicals and solvents