



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

FERRO-PLAST S.r.l.

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FerroFlon 5 - 15 - 30 - 30GR

Informazioni Tecniche

P.T.F.E. Lubricant Powders.

Dry Lubricants for reducing wear and friction
in thermoplastics, thermosets, elastomers, and inks.

Introduction

- ❑ **FerroFlon** are micronized P.T.F.E. powders with an average particle size varying from 1 to 30 microns.
- ❑ **FerroFlon** are easy to disperse in rubber, thermosets, thermoplastics and printing inks. It will not lump or agglomerate in Handling.
- ❑ **FerroFlon** 5 and 15 are irradiated P.T.F.E. lubricant powders.
- ❑ **FerroFlon** 30 is a slightly irradiated P.T.F.E. lubricant powder. It doesn't contain any free NF.
- ❑ **FerroFlon** 30 is not in conformity with FDA Regulations for use in contact with food.

Properties

General properties	FerroFlon 5	FerroFlon 15	FerroFlon 30
Particle structure	irregular and unsintered	irregular-dentritic and unsintered	irregular-dentritic and unsintered
Average particle size	5 micron	8-15 micron	25-35 micron
Appearance	white	white	light grey
Specific gravity	2.16-2.20	2.16-2.20	2.16-2.20
Hardness	50 shore "D"	50 shore "D"	50 shore "D"
Service temp.	- 200 °C to + 260°C	- 200 °C to + 260°C	- 200 °C to + 260°C
Softening point	in excess over 320°C	in excess over 320°C	in excess over 320°C
Chemical resistance	inert to practically all chemicals and solvents	inert to practically all chemicals and solvents	inert to practically all chemicals and solvents