



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

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## FerroLube GR 4009 N

*Informazioni Tecniche*

### Lubricant Masterbatch with Natural Graphite

#### Introduction

FerroLube GR4009 N is a natural graphite masterbatch with lubricant effect for engineering polymer on LDPE carrier. Other carriers can be considered upon request.

Composition	Standard	Carrier
GR 4009 N	50% natural graphite	50% LDPE

#### Graphite characteristics

Carbon content	> 99,5%
Ashes content	< 0,5%
Moisture	n.d
Particle size	d90: 11 $\mu$ m - d50: 6 $\mu$ m

#### Graphite properties

The presence of graphite confers the following properties to plastic moulded pieces:

- Better auto-lubrication
- Wearing and abrasion reduction
- Thermal conductivity improvement
- Thermal stability improvement
- Distortion resistance improvement
- Electro conductivity increase

#### Addition

FerroLube GR 4009 N can be used from 5 to 50% according to the required friction coefficient and abrasion resistance.