



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

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

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## FerroBlock PE 20 S

Informazioni Tecniche

### ANTIBLOCKING MASTERBATCH FILM GRADE

**FERROBLOCK PE 20 S** is a masterbatch containing 20% synthetic silica in LDPE MFI 20 base resin ; it is used to prevent blocking during unwinding of PE films and to allow easy opening of PE bags and sachets.

#### SPECIFICATIONS:

Synthetic Silca Content                      19.0 - 21.0                      MO 5-700 \*

#### ADDITIONAL TYPICAL VALUES:

Appearance	Off white pellets	
Melt Index (190°C; 2.16 kg)	3 – 7	MO 01-700 *
Volatiles content	< 1500 ppm	MO 7-700
Bulk density	About 0.60	MO 28-700
Specific gravity	1.05	MO 13-700
Pellets geometry	About 20 pellets/gramme (Ø 2.5-3 mm)	MO 69-700
Dispersion and gels	Very low level ; in accordance with our standard	MO 15-700 *

\* manufacturer's internal method

#### USAGE:

**FERROBLOCK PE 20 S** is used in both cast film and blown film processes, for LDPE and LLDPE.

**FERROBLOCK PE 20 S** is used to give surface friction to PE films while also giving excellent optical properties. Synthetic silica gives a better transparency than natural silica and the additive chosen in **FERROBLOCK PE 20 S** gives excellent optical properties.

#### RECOMMENDED ADDITION RATE:

Antiblock agents are used in polyethylene film from 0.2 to 0.5 %. Therefore, we recommend concentrations of **FERROBLOCK PE 20 S** between 1.0 and 2.5 %.

#### FOOD CONTACT STATUS:

**FERROBLOCK PE 20 S** is suitable for food contact applications.

#### PACKAGING:

Product is packed in 25 kg PE sacks on shrink-wrapped pallets of 1375 kg.