



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

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

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## Ferroxide PP 40 CC

Informazioni Tecniche

### Description

**Ferroxide PP 40 CC** is a dispersion of Bis-(t-butylperoxyisopropyl) benzene on calcium carbonate (60%) carrier. It is used to increase fluidity of polypropylene and at the same time to narrow the molecular weight distribution. High flow PP is used in compounding and many kinds of moulding applications.

**Ferroxide PP 40 CC** is only used in polypropylene resins.

The product can be added by volumetric or gravimetric continuous dosage, or by premixing with PP powder.

### Properties

	CT. Property	Unit	Specs. from	To	Testing Method
	Active part analysis				
C	Appearance		ccr		1
C	Peroxide contents	%	+39,0	+42,0	MET. FOR
C	Infrared Spectrometry		IR		41

Apperance: White powder

Shelf life: 1 year

### Specification:

ccr: as reference sample which is available in our labs

IR: as reference spectrum which is available in our labs

CT: defines test's criticality for quality

C: critical

### Recommended Addition Rates

Examples of experimental results by extrusion at 230°C:

0.15% of **Ferroxide PP 40 CC** will increase PP MFI from 3 to 15

0.15% of **Ferroxide PP 40 CC** will also increase PP MFI from 10 to 40

0.30% of **Ferroxide PP 40 CC** will increase PP MFI from 25 to 220

0.50% of **Ferroxide PP 40 CC** will increase PP MFI from 25 to 220

### Storage

Storage in cool area, below 38°C; keep away from heat, sparks, ignition, source and strong acids.

Use of the product within 12 months is recommended.

*Material safety data sheet is available upon request.*