



**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)

**FerroCell PE40-ADC**

*Informazioni Tecniche*

## **Masterbatch Espandente al 40% di ADCA**

### **Introduction**

**FERROCELL PE40-ADC** is a 40% blowing agent masterbatch containing azodicarbonamide in LDPE carrier. It is mainly used for insulation applications in polyethylene and polypropilene.

### **Specification**

Azodicarbonamide content : 38 - 42 %

### **Typical Physical Properties**

<b>Appearance</b>	Yellow – Orange Granules
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### **Usage**

**FERROCELL PE40-ADC** is used in polyethylene applications like insulation of hot water pipes, expanded films, cables, PP gift wrapping tapes and PP strapping. This masterbatch may also be used in PP if the relatively small quantity of LDPE is compatible with PP used. The starting decomposition temperature of the blowing agent is approx.160°C.

### **Recommended addition rates**

It is possible with 2,5% by weight of **FERROCELL PE40-ADC**, to obtain a LDPE density of approx. 0.4.

### **Packaging & Storage**

Product is packed in 25 kg PE bags on 1255 kg shirink-wrapped pallets.

**Material Safety Data Sheet is available upon request.**